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STRUCTURAL ANALYSIS OF CYLINDRICAL THRUST CHAMBERS FINAL REPORT VOLUME III

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Prepared by

LOCKHEED MISSILES & SPACE COMPANY, INC.
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FOREWORD

This final report was prepared by Lockheed Missiles & Space Company, Inc., Huntsville, Alabama, for Lewis Research Center (LeRC), National Aeronautics and Space Administration, Cleveland, Ohio. The development of the nodal point extrapolation computer program was conducted in accordance with requirements of Contract NAS3-21953 "Structural Analysis of Cylindrical Thrust Chambers." The study was under the cognizance of H. J. Kasper of NASA-LeRC and is in conjunction with the effort reported in Ref. 1.

The computer program development and documentation were conducted by M. L. Pearson.

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1. SUMMARY

A computer program was developed for extrapolating nodal displacements computed by BOPACE for cylindrical thrust chamber structural models. This program automates the manual extrapolation method employed in the study described in Ref. 2. This program along with the accompaning plot package was utilized in the most recent effort reported in Ref. 1.

The program is capable of extrapolating displacements of up to 200 nodes for BOPACE models. The user has the option of extrapolating up to and including three components of the computed nodal displacement vector referred to the global cylindrical coordinate system. This option permits the user to neglect zero or near-zero components of the displacement vector when predicting deformed configurations.

The input and output of the extrapolation program are compatible with version 6 of BOPACE (Ref. 3). The extrapolation procedure utilizes a linear least squares approximation to establish the computed rate of change of displacement (inch per cycle) of each selected node for a user specified number of cycles of computed displacements. Each nodal displacement rate is used to extrapolate from the last computed nodal positions over a user specified number of constant cycles n to predict the deformed configuration at the end of the nth cycle.

A plot routine is included so predicted configurations can be inspected after each extrapolation.

2. INTRODUCTION

A system of three computer programs is described for use in conjunction with BOPACE for analyzing the cumulative plastic deformation characteristics of regeneratively cooled rocket thrust chambers. The extrapolation program is used to extrapolate nodal displacements over a range of user specified cycles. The plotting program is used to display the predicted configurations for user examination at each stage of extrapolation. The plotting programs may also be used to plot the undeformed configuration for model verification. Configurations computed by BOPACE may be plotted also. A BOPACE restart tape reader routine is included for retrieving the computed nodal displacements from BOPACE restart tapes for extrapolation and/or plotting.

Card input/output is used as the transfer medium between BOPACE, the extrapolation program and the plotting program. This provides the user with complete flexibility in the choice of configurations to plot, extrapolate, and feed back to BOPACE for additional computation.

A typical operational sequence utilizing these computational tools is illustrated by the following steps:

- 1. Prepare the NODE and element definition cards for a BOPACE model and feed these directly to the plotter for verification of the model.
- 2. Execute BOPACE for a desired number of cycles.
- 3. Select the computed cycles desired for use as the basis for extrapolation and execute the tape reader routine to punch the computed nodal displacements for these cycles.
- 4. Input these displacements, along with the base configurations nodal coordinates (NODE cards) to the extrapolation program and extrapolate over a range of cycles.

- 5. Plot the predicted configurations and examine.
- 6. Select the extrapolated configurations desired and return to Step 2 and repeat the procedure for additional BOPACE runs and extrapolations.

3. NODAL EXTRAPOLATION PROGRAM

3.1 EXTRAPOLATION METHOD

The extrapolation procedure utilizes a linear least squares approximation to establish the computed rate of change of displacement (inch per cycle) of each node for a user specified number of cycles of computed displacements.

The basic form of the equation for a linear least squares curve fit is

$$y = c_1 + c_2 x$$

where

y represents a nodal displacement to be predicted at cycle x.

The normal equations for a curve fit of the kth node in a single coordinate direction are:

$$n c_1^k + \left[\sum_{i=1}^n x_i \right] c_2^k = \sum_{i=1}^n y_i^k, \text{ and}$$
 (1)

$$\left[\sum_{i=1}^{n} x_{i}\right] c_{1}^{k} + \left[\sum_{i=1}^{n} (x_{i})^{2}\right] c_{2}^{k} = \sum_{i=1}^{n} x_{i} y_{i}^{k}$$
 (2)

where

n = number of cycles used for extrapolation

x; = ith cycle number

 y_i^k = displacement of k^{th} node at the i^{th} cycle c_1^k, c_2^k = extrapolation constants for the k^{th} node

The solution of the two normal equations yields

$$\mathbf{c}_{1}^{k} = \frac{\left[\sum_{i=1}^{n} \left(\mathbf{x}_{i}\right)^{2}\right] \left[\sum_{i=1}^{n} y_{i}^{k}\right] - \left[\sum_{i=1}^{n} \mathbf{x}_{i}\right] \left[\sum_{i=1}^{n} \mathbf{x}_{i} y_{i}^{k}\right]}{\mathbf{D}}$$

and

$$c_{2}^{k} = \frac{n\left[\sum_{i=1}^{n} x_{i} y_{i}^{k}\right] - \left[\sum_{i=1}^{n} x_{i}\right] \left[\sum_{i=1}^{n} y_{i}^{k}\right]}{D}$$

where

$$D = n \left[\sum_{i=1}^{n} (x_i)^2 \right] - \left[\sum_{i=1}^{n} x_i \right]^2$$

Therefore the displacement of the \mathbf{k}^{th} node for a single coordinate direction, extrapolated to the \mathbf{j}^{th} cycle, becomes:

$$y_{j}^{k} = c_{1}^{k} + (c_{2}^{k})(j)$$

This procedure is repeated, with new constants c_1^k and c_2^k being calculated, for each coordinate direction specified, and for all nodes in the structural model.

3.2 USER'S GUIDE

All input data to the extrapolation programs is "fixed field", i.e., all data items must be punched in the prescribed card columns as defined below.

All cards must be input in the order described. There are no defaults for any data items. All items must be given.

Card 1 - Title Card

List: Title

Format (80A1)

Description

Title - Any Hollerith characters

Example

OFHC/EFCU THRUST CHAMBER

Comments

Provides a title for the extrapolation.

Card 2 - Extrapolation Control Card

List: NN NC NCX Format (315)

Description

NN - Number of nodes (NN \leq 200)

NC - Number of cycles used for extrapolation (NC \leq 6)

NCX - Number of extrapolated cycles (NCX \leq 6)

Example

100 3 5

Comments

A maximum of 6 cycles may be used for extrapolating.

A maximum of 6 extrapolated cycles may be computed.

Card 3 - List of Cycles Used for Extrapolation

List: ICYCLE(1) ICYCLE(2)... ICYCLE(NC)
Format (615)

Description

ICYCLE(n) - Cycle number used for extrapolation

Example

108 109 110

Comments

NC values are input

These are the cycles used for the extrapolation

They do not have to be consecutive, e.g., cycles 106, 108, and 110 could be used.

Card 4 - List of Extrapolated Cycles

Description

ICX(n) - Cycle number of extrapolated cycle

Example

110 120 130 140 150

Comments

A computed versus extrapolated variation in percent is calculated based on differences between the last computed cycle, i.e., ICYCLE (NC), and the first extrapolated cycle, i.e., ICX(1). Therefore, the last computed cycle should be the first extrapolated cycle for this check to be meaningful.

Card 5 - Coordinate Direction Extrapolation Control

List: IR ITHETA IZ
Format (311)

Description

IR - Extrapolation control for the R-coordinate

IR = 1 extrapolation performed

IR = 0 no extrapolation in R-direction

ITHETA - Extrapolation control for the θ coordinate direction

IZ - Extrapolation control for the z-coordinate direction.

Example

100

Comments

Extrapolation of BOPACE nodal displacement components may be performed for any or all three component directions in a cylindrical coordinate system. The example calls for extrapolation in the radial (R) direction only.

Card 6 - Base Configuration Title Card

List: Title

Format (80A1)

Description

Title - Any Hollerith characters

Example

OFHC/EFCU CYCLE 100 BASE CONFIGURATION

Comments

Provides a title for the nodal coordinate data which follows as the next input item.

Cards 6A - Base Configuration Nodal Coordinates

List: NODEJD R THETA Z LID DID SPC Format ('NODE', 4X, I4, 12X, 3F8.0, 3I8)

Description

NODEID - Node identification number

R - R coordinate value

THETA - Theta coordinate value defined in degrees

Z - Z coordinate value

LID - Coordinate system used to define coordinates of node (2)

DID - Coordinate system used to define displacements (2)

SPC - Single point constraints (packed number composed of

digits 0, 1, 2 and/or 3)

Example

NODE 101 1.29 .1355 .0000 2 2 23

Comments

This data card set consists of NN cards.

The NODE cards used in the initial BOPACE run for the series of runs which calculated the cycles used for this extrapolation may be input here. Note that the cards are in fixed field format.

The cards must be in the same order as they were input to BOPACE.

Although only the coordinate data are used in the extrapolation, the remainder of the card is read and punched on the extrapolated nodal coordinate cards.

Card 7 - Title Card for Computed Nodal Displacements

List: Title

Format (80A1)

Description

Title - Any Hollerith characters

Example

OFHC/EFCU COMPUTED CYCLE 108 DISPLACEMENTS

Comments

Provides a title for the nodal displacements input for a cycle to be used in the extrapolation.

Cards 7A - Nodal Displacements

List: NODEID U V W

Format ('DISP', 4X, I4, 3X, 3E15.0)

Description

NODEID - Node identification number

U - Displacement in the R direction

V - Displacement in the θ direction

W - Displacement in the z direction

Example

DISP 101 .52456134-04 .23876139-06 .0

Comments

This data card set consists of NN cards.

The cards must be in the same order as the NODE cards for the base configuration.

The NODEID field is for user reference only and is not used by the code.

The input data group consisting of Card 7 and Cards 7A is repeated for each cycle to be used in the extrapolation for a total of NC groups.

These groups must be input in the same order as the cycles are specified on Card 3.

The displacement cards may be punched from a BOPACE restart tape by executing the restart tape reader program described in Section 5.

4. PLOTTING PROGRAM

4.1 DESCRIPTION OF PROGRAM CAPABILITIES

The plotting program is capable of plotting 2D or 3D BOPACE models of cylindrical thrust chambers. Input to the program consists of BOPACE element definition cards (QUAD or BRICK), NODE cards for each cycle to be plotted (computed or extrapolated) plus data cards containing title and control information.

Related views are available for plotting 3D models, or to change the orientation of a 2D plot on the plot frame. A node numbering option is available for labeling the nodes with the BOPACE internal sequence numbers.

Multiple cycles may be plotted in one execution by stacking the NODE cards for each configuration along with the corresponding title cards for plot labelling. Any mixture of base configurations, computed cycles, and or extrapolated cycles may be included in one run.

Partial structure plots, e.g., cuts or slices through a 3D model, may be generated by inputting only those element definition cards contained in the slice.

An example of a 2-D thrust chamber plot with the node numbering option activated and the standard or default orientation is shown in Fig. 1.

A plot of the same model without node numbers and a view angle rotated 90 deg about axis-3 (Z axis) is shown in Fig. 2.

4.2 USER'S GUIDE

All input data to the plotting program is "fixed field," i.e., all data items must be punched in the prescribed card columns as defined below. The NODE cards and BRICK/QUAD cards punched in this manner are compatible with BOPACE.

Card 1 - Title Card

List: Title

Format (40A1)

Description

Title - Any Hollerith characters

Example

OFHC/EFCU THRUST CHAMBER

Comments

Provides a title which will appear at the top of each plotted frame. Note that only 40 columns are permitted.

Card 2 - Plotting Control Card

List: NN NC NFLG KVIEW IANG IAXIS JANG JAXIS Format (815)

Description

NN - Number of nodes (NN < 200)

NC - Number of cycles to be plotted (NC \leq 6)

NFLG - Node numbering flag

NFLG = 1 nodes are numbered on plot NFLG = 0 nodes are not numbered

KVIEW - The view axis which is normal to the plotted frame (Default KVIEW = 3)

IANG - Rotation in degrees about IAXIS for plotting

IAXIS - Axis about which first rotation is performed

JANG - Rotation in degrees about JAXIS for plotting

JAXIS - Axis about which second rotation is performed.

Example

100 5 0 3 90 3 0 0

Comments

This card is used to define the number of nodes, number of cycles, node numbering option as well as the view angle and orientation for the plots. The default view angle is axis-3 (z-axis) normal to the plotting frame, directed positive outward. The default orientation prescribes the $\theta=0$ R axis to lie horizontally, positive direction to the right. If this view angle and orientation is satisfactory, fields 4 through 8 on this card may be omitted. Otherwise any view axis may be selected to be normal to the plotted surface, plus, up to two rotations about selected axes may be prescribed.

Card 3 - Element Definition Cards - QUAD

List: QUAD eid mid pid rid n₁ n₂ n₃ n₄ n_e
Format ('QUAD', 2X, 816, 24X, 12)

List: CONT n_5 $n_6 \dots n_{\ell}$ Format ('CONT', 2X, 1216)

Description

All fields are same as described in BOPACE manual.

Example

QUAD 1 1 1 2 1 3 17 15 CONT 101 2 102 0 11 0 0 16 0 0 10 0

Comments

BOPACE element definition QUAD cards may be used as input, but data must be punched according to the above prescribed fixed format in fields of 6 columns.

The n_e parameter must be punched in column 79 or 80. If $n_e > 0$, a CONT card must be used to input the intermediate nodes as illustrated by the example.

Cards 3 (Continued) - Element Definition Cards - BRICK

List: BRICK cid mid pid rid n₁ n₂ n₃ n₄ n₅ n₆ n₇ n₈ n_e

Format ('BRICK_', 1216, I2)

List: CONT $n_9 n_{20}$ CONT $n_{21} n_{32}$ CONT $n_{33} n_{44}$ Format ('CONT', 2X, 1216)

Description

All fields are same as described in BOPACE manual.

Example

BRICK 6 1 1 2 6 7 8 9 26 27 28 29 2 CONT 0 0 0 0 0 0 50 51 0 0 0 0 CONT 0 0 250 251 0 0 0 0 0 0 0

Comments

As with the QUAD cards, BOPACE BRICK cards may be used as input if the data is punched in fields of 6 columns as described in the above formats.

The n_e parameter must be punched in Column 79 or 80. If $n_e > 0$, n_e CONT cards must be used to input the intermediate nodes, as illustrated by the example.

Card 4 - END Card

List: END

Format ('END')

Description

END card signals the end of element data.

Example

END

Comments

Element definition cards (QUAD or BRICK) along with any necessary CONT cards are read until an END card is encountered, signaling the end of the element definition data.

Card 5 - Cycle Title Card

List: TITLE

Format (40A1)

Description

TITLE - Any Hollerith characters

Example

EXTRAPOLATED CYCLE 150

Comments

Provides a title for the nodal coordinate data which follows as the next input item.

This title will appear at the bottom of the plot frame containing this cycle nodal coordinate data.

Note that a maximum of 40 columns are permitted.

Cards 5A - Cycle Nodal Coordinates

List: NODEID R THETA Z LID DID SPC Format ('NODE', 4X, I4, 12X, 3F8.0, 3I8)

Description

NODEID - Node identification number.

R - R coordinate value.

THETA - Theta coordinate value defined in degrees.

Z - Z coordinate value.

LID - Coordinate system used to define coordinates of node (2).

DID - Coordinate system used to define displacements of node (2).

SPC - Single point constraints (packed number composed of digits 0, 1, 2 and/or 3).

Example

NODE 101 1.2932 .1357 .0000 2 2 23

Comments

This data card set consists of NN cards.

These NODE cards describing a configuration to be plotted, may represent a base configuration, a computed cycle, or an extrapolated cycle.

A total of NC sets of Cards 5 and 5A are input for a single plot run.

Any combination of base configurations, computed cycles, and/or extrapolated cycles may be plotted. It is important to input an appropriate title card for each configuration for proper labeling on the plots.

5. RESTART TAPE READER PROGRAM

The restart tape reader program is a reduced version of BOPACE containing only the routines needed to process a restart tape. Code has been added to punch the nodal displacements for a specified increment in the format required by the extrapolation program.

The data input consists of three BOPACE data cards: TITLE, RESTART, and EOF. These cards are described in the BOPACE User Manual (Ref. 3). The nodal displacements are punched for the increment specified on the RESTART card.

Example

TITLE OFHC/EFCU CYCLE 108
REST 161 1 28
EOF

6. REFERENCES

- 1. Armstrong, W.H., "Structural Analysis of Cylindrical Thrust Chambers, Vol. 2," NASA CR-165241, Contract NAS3-21953, NASA-Lewis Research Center, Cleveland, Ohio, November 1980.
- 2. Armstrong, W. H., "Structural Analysis of Cylindrical Thrust Chambers, Vol. 1," NASA CR-159522, Contract NAS3-21361, NASA-Lewis Research Center, Cleveland, Ohio, March 1979.
- 3. Vos, R.G., "The Boeing Plastic Analysis Capability for Engines (BOPACE)," Boeing Document D180-20229, Contract NAS8-30615, NASA-George C. Marshall Space Flight Center, Huntsville, Ala., December 1976.

7. EXAMPLE PROBLEM

An example problem is included consisting of an OFHC Cylinder 34 Thrust Chamber. Included in the example are:

- An extrapolation run printout, including a listing of the input data
- Two plotter input data listings
- Input data listings for extracting displacements via the restart tape reader program for use by the extrapolation program.

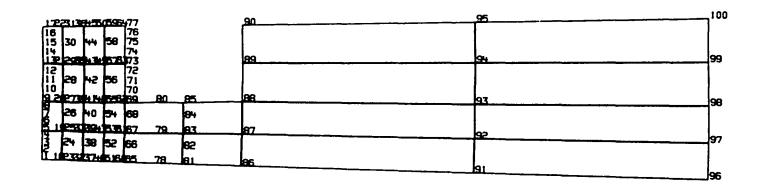
The extrapolation input data consist of a title card, control information, NODE cards specifying the base configuration, and DISP cards specifying the displacements for the computed cycles used for the extrapolation. The case described contains 100 nodes. Three cycles are used to perform the extrapolation, cycles 103, 104 and 105. Six cycles are provided by the extrapolation, cycle 105, to provide a basis for an error check, and cycles 110, 120, 130, 140 and 150. Extrapolation is performed in the R coordinate direction only in this example.

The output consists of an echo of the input data plus the extrapolated nodal coordinate values for the extrapolated cycles. An error check is included for cycle 105.

The first plotter data case is set up to plot the undeformed structure with node numbers. The second plotter data case is configured to plot the computed cycle 105 and the extrapolated cycles 110, 120, 130, 140 and 150. These plots are made with a rotation of 90 degrees about the Z coordinate axis with no node numbers. Examples of the plots are given in Figs. 1 and 2.

Example data inputs are included for extracting computed nodal displacements for cycles 103, 104 and 105 from BOPACE restart tapes using the restart tape reader program.

OFHC



UNDEFORMED CONFIGURATION

Fig.1 - Plot Example with Node Numbering

OFHC CYLINDER 34

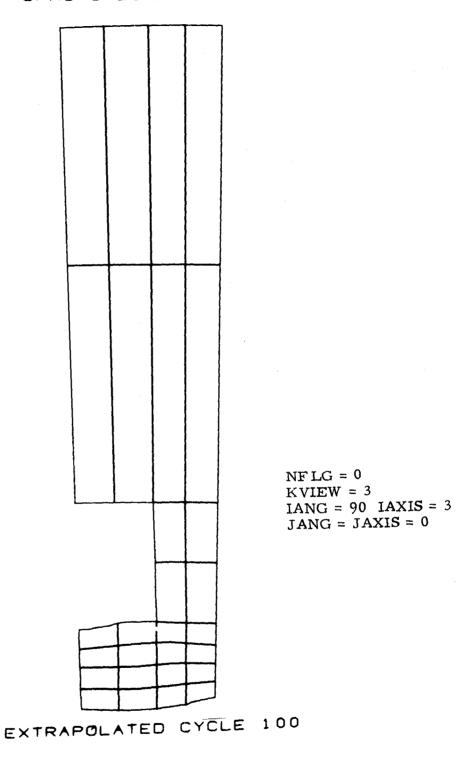


Fig. 2 - Plot Example with Rotated View Angle

BR1 57441C												
1.	00	OFHC C			THRU	ST CH	AMBER					
2.	סס	100	3	6								
3.	00	103	104	1 (5								
4.	no	105	110	1 20	130	140	150	i				
5.	00	100	= = =			=		:::::::::::::	=======================================			
6.	00			ER 34	CACF			CONF.IGURA		_	_	_
7.	ου	NODE	1				.29211	.0000	•0000	2	2	2
.	00	NODE	101				•29162	.1355	•0000	2	2	
9•	οu	NODE	2				· 29 C87	•2710	•0000	2	2	
10.	00	NODE	102				.29012	•4065	•0000	Ž	2	
11.	00	NODE	3				.28919	•5420	•0000	. 2	2	
12.	00	NODE	103				.28861	•6775	•0000	2	2	
13.	00	NODE	4			-	-28819	•8130	•0000	2	2	
14.	00	NODE	104				.28773	.9485	•0000	Ź	Ž	
15.	00	NODE	5				. 28735	1.0840	•0000	2	2	
16.	00	NODE	105				. 28697	1.2610	.0000	2	2	
17.	00	NODE	6				.28681	1.4380	•0000	_ 2	2	
18.	ព្យ	NOCE	106				-28667	1.6150	•0000	2	2	
19.	00	NODE	7				-28675	1.7920	•0000	2	2	
20. 21.	00	NODE	107				-28694	1.9690	•0000	Ž	Ž	
	00 00	NODE	8				-28704	2.1460	•0000	2 2	2	
22.		NODE	108 9				. 28718	2.3230	•0000	2	Ź	_
23• 24•	00 00	NOCE	10				·28724	2.5000 .0000	•0000	<u>2</u>	2 2	2 2
25.	00	NODE	11				29346	•5420	• 0000 • 0000	2	2	2
26.	00	NODE	12				. 29 1 7 5	1.0840	•0000	ž	Ź	
27.	00	NOCE	13				29108	1.7920	•0000	2	2	
2A.	00	NODE	13				29164	2.5000	•0000	ž	Ž	2
29.	00	NOSE	15				29901	•0000	•0000	2	2	2
30.	ÖÖ	NOLE	16				-29854	.2710	•0000	-	····· 2 -	
31.	טט	NODE	17				. 29770	.5420	•0000	2	2	
32.	00	NODE	18				29689	.8130	•0000	Ž	2	
33.	00	NODE	19				.29619	1.0840	•0000	2	2	
34.	00	NOCE	20				29566	1.4380	•0000	ž	2	
35.	00	NODE	21				. 29549	1.7920	•0000	2	2	
36.	00	NOUE	22				29573	2.1460		- 2	- Ž	
37.	υp	NODE	23				29595	2.5000	•0000	2	2	2
38.	กับ	NODE	24				30273	•0000	•0000	Ž	2	2
30.	00	NODE	25			_	.30217	.5420	•0000	2	2	•
46.	กับ	NOLE	26				.30092	1.0840	•0000	2	ž	
41.	no	NODE	27				.30016	1.7920	•0000	2	2	
42.	ñο	NODE	žã				. 30043	2.5000	.0000	2	ž	2
43.	00	NODE	29				.30643	•0000	•0000	2	2	2
44.	ที่บ	NODE	30				.30661	.2710	•0000	2	ž	
45.	Ðΰ	NOGE	31				. 30667	•5420	•0000	2	2	
46.	סמ	NODE	32				. 30622	.8130	.0000	2	2	
47.	0.0	NODE	33				.30572	1.0840	•0000	2	2	
48.	no	NODE	34	*** * * * *			.30513	1.4380	.0000	2	2	
49.	00	NODE	35				.30481	1.7920	•0000	2	2	
50.	ดอ	NODE	36			1	.30479	2.1460	•0000	2	2	
51.	0.0	NOCE	37			1	.30481	2.5000	.0000	2	2	2
52.	00	NODE	38				.31021	.0000	.0000	2	2	2
53.	Oυ	NODE	39				.31095	•5420	•0000	2	2	
54.	ÒΟ	NOUĒ	4 Ö				.31038	1.0840	•0000	7	2	
55.	ถม	NODE	4.1				. 30935	1.7920	•0000	2	2	

56.	no	NODE	42		1.30891	2.5000	•0000	2	,	2
57.	00	NODE	43		1.31438		.0000	_ 	2	ž
58.	00	NODE	44		1.31469		•0000	2	2	•
59.	00	NOCE	45		1.31505		•0000	ž	Ž	
	00							2	2	
60.		NODE	46		1.31527		•0000	Ž	ż	
61.	00	NODE	47		1.31501		•0000	2		
62.	00	NODE	4.8	647 - 6 - 444 - 5 - 6 - 6	1.31457		•0000		2	
63.	ทอ	NODE	49		1.31401		•0000		Ž	
64.	n o	NODE	50		1.31328		•0000	2	2	-
65.	00	NODE	51		1.31271	-	.0000	2	2	2
66.	00	NODE	52		1.31882		•0000	2	2	7
67.	00	NODE	53		1.31922		•0000	2	2	
68.	Öΰ	NODE	54		1.31959		•0000	2	2	
69.	no	NODE	5 5		1.31871		•0000	2	2	
70.	00	NODE	56		1.31657		•0000	2	2	Ş
71.	00	NOCE	57		1.32330		•0000	Ž	Ž	2
72.	OΟ	NODE	5.8		1.32336		•0000	2	2	
73.	00	NODE	59		1.32356		•0000	Ž	Ž	
74.	00	NOCE	60	The state of the s	1.32360		•0000	2	2	
75.	00	NODE	61		1.32396		•0000	2	2	
76.	00	NODE	505		1.32404	1.2610	•0000	2	2	
77.	00	NODE	62		1.323#3		•0000	Ž	Ž	
78.	סט	NODE	506		1.32378	1.6150	•0000	2	2	
79.	0.0	NCDE	63		1.32324		•0000	Ž	2	
8O.	ĎΟ	NOCE	507		1.32229		•0000	2	2	
81.	Ou	NOCE	64		1.32174	2.1460	•0000	2	2	
62.	00	NODE	508		1.32106		•0000	2	2	
83.	00	NODE	65		1.32073	2.5000	•0000	2	2	2
84.	an	NOCE	66		1.33606	.0000	•0000	2	2	2
85.	0.0	NODE	67		1.33616	•5485	•0000	Ž	Ž	
86.	ao	NODE	68		1.33629	1.0968	•0000	2	2	
87.	00	NODE	69		1.34874	0000	•0000	7	7	7
88.	no	NODE	70		1.34875	•2775	•0000	2	2	
89.	0.0	NODE	71		1.34877	•5550	•0000	Ź	2	
9 n.	00	NOCE	72		1.34881	.8322	•0000	2	2	
91.	טס	NODE	73		1.34877	1.1095	•0000	2	Ž	
92.	00	NOUE	74		1.37372		•0000	2	2	2
93.	טס	NODE	75		1.37372	.5680	.0000	2 "	2	
94.	0.0	NODE	76		1.37373	1.1350	•0000	2	2	
95.	០០	NODE	77		1.37377	1.8180	• 0000	2	2	
96.	0.0	NODE	78		1.37377	2.5000	•0000	2	2	2
97.	00	NOCE	79		1.47352	•0000	•0000	Ž	2	2
98.	οu	NODE	80		1.47354	.5680	•0000	2	2	
99.	0.0	NODE	81		1.47358	1.1350	0000	7	2	
100+	ดิบ	NOCE	82		1.47362	1.6180	•8000	2	2	
101.	00	NOCE	83		1.47364	2.5000	•0000	2	Ź	2
102.	00	NODE	84		1.57376	.0000	•0000	2	2	2
103.	0.0	NODE	85		1.57375	•5680	•0000	2	2	
104.	00	NODE	86		1.57369	1.1350	•0000	2	2	
105.	σò	NÓĐĒ	87		1.57361	1.8180	•0000	2	2	
166.	00	NODE	8.8		1.57358		•0000	2	2	2
167.	00	OFHC	CYLINDER	34 COMPUTED	CYCLE	103 DISPL	ACEMENTS			
160.	00	DISP	1	3.747611		0.0	0.0			
169.	00	DISP	101	-3.794960		0.0	0.0			
110.	00	DISP	2	-5.836127	71E-05	0.0	0.0			
111.	no	DİŞÊ	102	-1.002999	5E-04	0.0	ក•ក			
112.	0.0	DISP	3	-1.405559	0 NE - 04	0.0	u•0			

113.	ทบ	DISP	103	-1.4946920E-04	0.0	0.0
114.	00	บารค	4	-1.5742247E-04	0.0	Ö.Ö
115.	00	DISP	104	-1.77474748-04	0.0	0.0
116.	na	DISP	5	-1.8890105E-04	0.0	0.0
117.	ทบ	DISP	105	-2.0262928E-04	0.0	0.0
118.	00	DISP	6	-2.1570038E-04	0.0	0.0
119.	00	DISP	Ĭ06	-2.2380486E-04	0.0	0.0
120.	00	DISP	7	-2.3170449E-04	0.0	0.0
121.	00	DISP	107	-2.3619988E-D4	0.0	ũ•õ
1.2.	00	DISP	8	-2.3774184E-84	0.0	0.0
123.	00	DISP	108	-2.3336764E-04	0.0	0.0
124.	00	DISP	9	-2.2003729E-04	0.0	0.0
125.	00	DISP	10	-2.6585738E-05	0.0	0.0
126.	00	DISP	11	-9.7779121E-05	0.0	0.0
127.	00	DISP	12	-1.8248246E-04	0.0	0.0
128.	២០	DISP	13	-2.3589333E-04	0.0	0.0
129.	no	DISP	14	-2.3780811E-04	0.0	0.0
130.	០០	DISP	15	-5.5540542E-05	0.0	0.0
121.	ពប	DISP	16	-7.5667864E-05	0.0	0.0
132.	00	DISP	17	-7.9757039E-05	0.0	0.0
133.	00	DISP	18	-1.1539945E-04	0.0	0.0
134.	00	DISP	19	-1.6424572E-04	0.0	0.0
135.	00	DISP	20	-2.0718720E-04	0.0	0.0
136.	00	DISP	21	-2.3933570E-04	0.0	0.0
137.	00	DISP	22	-2.5322940E-04	0.0	0.0
138.	ου	DISP	23	-2.4900050E-04	0.0	0.0
139.	00	DISP	24	-6.6776294E-05	0.0	0.0
140.	00	DISP	25	-7.8240017E-05	0.0	0.0
141.	0.0	DISP	26	-1.4485026E-04	0.0	0.0
142.	00	DISP	27	-2.4438254E-D4	0.0	0.0
143.	00	CISP	28	-2.6439945E-04	0.0	0.0
144.	ก็ตั	DISP	29	-7.3597621E-05	0.0	0.0
145.	00	DISP	30	-6.8204376E-05	0.0	0.0
146.	nο	DISP	31	-7.044C001E-05	0.0	ŋ . ö
147.	00	DISP	32	-9.8441509E-05	0.0	0.0
148.	00	DISP	33	-1.3411495E-04	0.0	0.0
149.	00	DISP	34	-1.9125637E-04	0.0	0.0
150.	ด้อ	DĪSĒ	35	-2.4966360E-04	0.0	0.0
151.	00	DISP	36	-2.7121208E-04	0.0	0.0
152.	00	DISP	37	-2.7913158E-04	0.0	0.0
153.	00	DISP	38	-7.1518793E-05	0.0	0.0
154.	nο	DISP	39	-6.0330538E-05	0.0	0.0
155.	οo	DISP	40	-1.2296885E-04	0.0	0.0
156.	ดีอื่	DĪŠP	41	-2.5397516E-04	0.0	0.0
157.	00	DISP	42	-2.9458408E-04	0.0	0.0
158.	00	DISP	43	-6.1171522E-05	0.0	0.0
159.	00	DISP	44	-5.5287324E-05	0.0	0.0
160.	O G	UTSP	45	-5.5678451E-05	0.0	0.0
161.	סמ	DISP	46	-7.1002461E-05	0.0	0.0
167.	ก้อ	DÍSP	47	-1.06795176-04	0.0	0.0
163.	กอ	DISF	4.8	-2.0256350E-04	0.0	0.0
164.	no	DISP	49	-2.6017427E-04	0.0	0.0
165.	00	DISP	50	-7.8703222E-04	0.0	0.0
166.	Ωú	DISF	51	-7.1214627E-04	0.0	0.0
167.	กับ	DISP	52	-4.8088827E-05	0.0	0.0
168.	กอ	DISP	5 3	-5.2087998E-05	0.0	0.0
169.	מט	DISP	54	-8.8084038E-05	0.0	n•n
	-	=		1-0: 03:= 03		- - -

170.	ΩO	DISP	55	-2.5854073E-04	0.0	0.0
171.	00	DISP	56	-3.3932948E-04	0.0	0.0
172.	. 00	DISP	57	~3.8 83196 0E-05	0.0	0.0
173.	00	DISP	5.8	-3.6427591E-05	0.0	0. Ō
174.	00	DISP	59	-4.5728346E-05	0.0	0.0
175.	00	DISP	60	-5.8628068E-05	0.0	Ö•Ö
176.	00	DISP	61	-7.7890232E-05	0.0	0.0
177.	00	DISP	505	-1.4807821E-g4	0.0	0.0
178.	00	DISP	62	-1.8996501E-04	0.0	9.0
179.	00	DISP	506	-2.2773044E-04	0.0	0.0
180.	00	DISP	63	-2.4684262E-04	0.0	0.0
181.	סח	DISP	507	-2.8418656E-04	0.0	0.0
182.	מס	DISP	64	-3.1736540E-04	0.0	0.0
183.	no	DISP	508	-3.5292259E-04	0.0	0.0
184.	00	DISP	65	-3.8290094E-04	0.0	0.0
185.	no	DISP	66	-1.56526D8E-05	0.0	0.0
186.	00	nISP	67	-1.9475119E-05	0.0	0.0
187.	00	DISP	68	-4.5611654E-05	0.0	9.0
188.	00	DISP	69	-6.5800987E-06	0.0	0.0
189.	ño	DISP	70	-8.5069069E-06	0.0	0.0
190.	00	DISP	71	-6.1779920E-06	0.0	0.0
191.	00	DISP	72	-8.5803867E-06	0.0	0.0
192.	00	DISP	73	-1.7994287E-05	0.0	ō•ō
193.	00	DISP	74	-1.6804144E-05	0.0	0.0
194.	0.0	DISP	75	-1.6082791E-05	0.0	0 • 0
195.	00	DISP	76	-1.4003383E-05	0.0	n.0
196.	00	DISP	77	-1.0870307E-05	0.0	0.0
197.	00	DÍŠP	78	-9.94Ö5952E-06	0.0	0.0
198.	00	DISP	79	-1.2707024E-05	0.0	n.0
199.	00	DISP	80	-1.2152830E-05	0.0	0.0
210.	00	DISP	8 1	-1.0625276E-05	0.0	0.0
261.	ี้ ซี่ ซี่	ĎÍŠŘ	82	-9.2355276E-06	Ö.Ö	
202.	00	DISP	83	-8.3033146E-06		
	00				0.0	0.0
263.		DISP	84	1.9710460E-06	0.0	0.0
264.	00	DISP	85	1.3936369E-06	0.0	0.0
265.	00	DISP	86	-9.3927326E-D8	0.0	0∙ប
266.	ūο	DISP	87	-2.1765100E-06	0.0	0.0
267.	00	DISP	88	-3.2590515E-06	Ĉ.Ô	0.0
268.	00	OFHC	CYLINDER	34 COMPUTED CYCLE	104	DISPLACEMENTS
269.	00	DISP	1	5.2454794E-05	0.0	0.0
210.	១០	UISP	101	-1.0551387E-05	0.0	0.0
211.	no	DISP	2	-#.8745379E-05	0.0	0.0
212.	00	DISP	102	-1.5058008E-04	0.0	0.0
213.	00	DÍSP	3	-2.0848626E-04	Ď.ü	0.0
214.	กบ	DISP	103	-2.1876342E-04	0.0	0.0
215.	00	DISP	4	-2.2687243E-04	0.0	0.0
216.	00	DISP	104	-2.5058771E-G4	0.0	0.0
217.						
218.	00	DISP	5	-2.6261527E-04	0.0	0.0
	00	DISP	105	-2.7670851E-04	0.0	0.0
219.	no	DISP	6	-2.8948137E-04	0.0	0.0
220.	00	DISP	106	-2.9612286E-64	0.0	ō•u
221.	0.0	DISP	7	-3.013690NE-04	0.0	0.0
222.	οu	DISP	107	-7.0077086E-04	$0 \cdot 0$	0+0
223.	0.0	DISP	8	-2.9796478E-04	0.0	0 • 0
224.	00	DISP	108	-2.8835773E-04	0.0	ח∙ם
225.	bc	DISP	9	-2.7951295E-04	0.0	ŋ . ŋ
226.	na	DISP	10	-4.7175447E-C5	0.0	n.o
						* * **

2.53	0.0	DICE		-1 50336465-04	0.0	0 0
227.	ÖΟ	DISP	. ! !	-1.5022868E-04	0.0	0.0
22A.	00	DISP	12	-2.52980048-04	0.0	
229.	00	DISP	13	-3.0470290E-04	0.0	0.0
230.	00	DISP	14	-2.8779055E-04	0.0	0.0
231.	ดข	DISP	15	-9.5250623E-05	0.0	0.0
232.	00	DISP	16	-1.2354326E-04	0.0	0.0
233.	00	DISP	17	-1.2680987E-04	0.0	0.0
234.	00	DISP	18	-1.7001944E-04	0.0	0.0
235.	00	DISP	19	-2.2752756E-04	0.0	0.0
236.	00	DISP	20	-2.7405401E-04	0.0	0.0
237.	00	DISP	21	-3.0628568E-04	0.0	0.0
238.	00	DISP	22	-3.1278655E-G4	0.0	0.0
219.	00	DISP	23	-3.0055456E-04	0.0	0.0
240	ักบ	DISP	24	-1.1721461E-04	0.0	
241.	00	DISP	25			0.0 0.0
				-1.273455CE-04	0.0	
242.	00	DISP	26	-2.0110117E-04	0.0	0.0
243.	00	DISP	27	-3.0904333E-04	0.0	0.0
244.	00	DISP	28	-3.20036668-04	0.0	0.0
245.	00	DISP	29	-1.3300615E-04	_0.0_	0.0
246.	00	DISP	30	-1.2261278E-04	0.0	0.0
247.	00	DISP	31	-1 • 1945740E -D4	0.0	0.0
248.	00	DISP	32	-1.4962799E-04	0.0	0.0
249.	00	DISP	3 3	-1.8769350E-04	0.0	u•ú
250.	00	DISP	34	~2.4880958E-U4	0.0	0.0
251.	00	DISP	35	-3.1132624E-04	0.0	0.0
252.	Oυ	DISP	36	-3.3153337E-04	0.0	0.0
253.	OΟ	DISP	37	-3.3868128E-04	0.0	0.0
254.	ÜÜ	DISP	38	-1.3578424E-04	0.0	0 • 0
255.	00	DISP	39	-1 • 09 36 5 1 7 E - 04	0.0	0+0
256.	ពល	CISP	40	-1.7514019E-04	0.0	ติ∙ถิ
257.	เดิด	DISP	41	-3.1320378E-04	0.0	0.0
258.	00	UISP	42	-3.5853055E-04	0.0	0.0
259.	OΘ	DISP	43	-1.2567174E-04	0.0	0.0
260.	00	DISP	44	-1 • 1399663E -04	0.0	ά•ń
261.	סס	BISP	45	-1.0804545E-04	0.0	0.0
262.	00	DISP	46	-1.1956705E-04	0.0	0.0
263.	0.0	DISP	47	-1.5546908E-04	0.0	0.0
264.	טח	DISP	4.8	-2.5711278E-04	0.0	0 • 0
265.	00	DISP	49	-3.1781057E-04	0 • 0	0.0
266.	nα	DISP	50	-3.4536282E-04	0.0	0 • 0
267.	. 00	DISP	51	-3.80358 89 E-04	0.0	0.0
268.	מס	DISP	5 <i>2</i>	-1.0972186E-04	0.0	0.0
269.	ου	DISP	53	-1.0761476E-04	0.0	0.0
270.	00	DISP	54	-1.3368264E-04	Ü•Ü	0.0
271.	מח	DISP	55	-3.1118817E-04	0.0	0.0
212.	ดอ	DISP	56	-4.1484227E-04	0.0	0.0
213.	00	DISP	57	-9.8225719E-05	0.0	0.0
274.	00	DISP	58	-9.4514558E-05	0.0	0.0
275.	00	DISP	59	-1.0163350E-04	0.0	0.0
276.	σū	DISP	60	-1.1116161E-04	0.0	0.0
217.	nu	DISP	61	-1.246C700E-04	0.0	9.0
278.	nο	DISP	505	-1.9365043E-04	0.0	0.0
279.	0.0	DISP	62	-2.3644103E-04	0.0	0.0
280.	no	DISP	506	-2.7239299E-04	U • 0	0.0
281.	no	DISP	63	-2.8978032E-04	0.0	0.0
282.	ดิบ	DISP	5 0 7	-7.3527939E-G4	0.0	0.0
283.	מח	DISP	64	-3.7928880E-04	0.0	0.0
		- "	•			• .

284.	00	DISP	508	-4.2879093E-04	0.0	0.0
265.	00	DISP	65	-4.70755648-04	0.0	0.0
286.	00	DISP	66	-6.9868853E-05	0.0	0.0
287.	00	DISP	67	-7.2239250E-05	0.0	Ö•Ö
288	00	DISP	68	-9.6968681E-05	0.0	0.0
289.	00	DISP	69	-5.7470650E-05	0.0	0.0
290		DISP	70	-5.9626327E-05	0.0	0.0
	00					
291.	00	DISP	71	-5.6621197E-05	0.0	0.0
292.	00	DISP	72	-5.0046039E-05	0.0	0.0
293.	00	DISP	73	-6.9192538E-05	0.0	0.0
294.	ίσο	DISP	74	-6.6925044E-05	0.0	0.0
295.	00	DISP	75	-6.6226072E-05	0.0	Ö•Ö
296.	00	DISP	76	-6.4123 8 15E-05	0.0	0.0
297.		DISP	77	-6.0637482E-05	0.0	0.0
298.	00	DISP	78	-5.9639380E-05	0.0	0.0
299.	กับ	DISP	79	-6.1195795E-05	0.0	n.n
300.	00	DISP	80	-6.0537801E-05	0.0	0.0
						i i
361.	00	DISP	81	-5.86466498-05	0.0	0.0
362.	00	DISP	82	-5.6864694E-05	0.0	0.0
303.	00	DISP	8.3	-5.5801400E-05	0.0	0.0
364.	00	DISP	84	-4 • 0 • 9 3 2 2 5 E - 0 5	0.0	Ö•Ö
365.	00	DISP	85	-4.161553 8 E-05	0.0	0.0
366.	00	DISP	86	-4.35 8 7992E-05	0.0	0.0
3L7.	00	DISP	87	-4.6353161E-05	0.0	Ö.o
368.	00	DISP	88	-4.7735375E-05	0.0	0.0
309.	00	OFHC	CYLINDER	34 COMPUTED CYCLE	105	DISPLACEMENTS
310.	00	DISP	1	6.8108755E-05	0.0	0.0
311.	00	DISP	101	-1.7127#37E-05	0.0	0.0
312.	00	DISP	2	-1.1834914E-04	0.0	0.0
313.	άö	ÖİSP	ĨÖŽ	-2.00368266-04	0.0	0.0
314.	00	DISP	3	-2.7648406E-04	0.0	0.0
315.		DISP	- 103	· · · · · · · · · · · · · · · · · · ·		
	00			-2.8784992E-04	0.0	0.0
316.	00	DISP	4	-2.9557827E-04	0.0	0.0
317.	00	DISP	104	-3.2216567E-04	0.0	0.0
318.	00	DISP	5	-3.3424376E-04	0.0	0.0
319.	00	DISP	105	-3.4831930E-04	0.0	0.0
320.	ãõ	DISP	6	+3.6026351E-04	0.0	0.0
321.	00	DISP	106	-3.6514504E-04	0.0	
322.	00	DISP	7	-3.6728452E-04	0.0	0.0
323.	00	UTSP	107	-3.6102557E+04	0.0	0.0
324.	00	DISP	8	-3.5349047E-04	0.0	0.0
325.	ดอ	DISP	108	-7.3834414E-04	0.0	0.0
326.	ดบ	DISP	9	-3.2587149E-04	0.0	0.0
327.	ήο	ÖİŞP	10	-6.7247616E-05	Ď.ij	0.0
328	60	DISP	11	-2.0301843E-04	0.0	0.0
329.	00	DISP	12	-3.2148161E-04	0.0	0.0
330.	. 00	DISP	13	-3.6984473E-04	0.0	n.0
331.	00	DISP	14	-3.3263839E-04		0.0
332.			15		0.0	
	00	DISP		-1.3484016E+04	0.0	0.0
333.	00	DISP	16	-1.70914186-04	0.0	ñ.ñ
334.	00	DISP	17	-1.7405830E-04	0.0	0.0
335.	00	DISP	18	-2.2411777E-G4	0.0	ū•ū
336.	ពួង	DISP	19	-2.8923131E-04	0.0	0.0
327.	00	DISP	20	~7.3807475E-04	0.0	0.0
338.	00	DISP	21	-3.6951294E-04	0.0	9.0
339. 340.	00 00	DTSP DISP	22 23	-3.6776601E-04 -3.4712162E-04	0.0	0.0 n.0

341.	οú	DISP	24	-1 .6759882E-04	0.0	0.0
342.	กม	DISP	25	-1.7607304E-04	0.0	0.0
343.	00	DISP	26	-2.5614654E-04	0.0	0.0
344.	00		27	-3.6975974E-04	0.0	0.0
		DISP				
345.	00	DISP	28	-3.7079770E-04	0.0	0.0
346.	. 00	DISP	29	-1.9227443E-04	0.0	0.0
347.	00	DISP	30	-1.7673560E-04	0.0	0.0
348.	CO	DISP	31	-1.6783226E-D4	0.0	0.0
349.	00	DISP	32	-2.0018080E-04	0.0	0.0
350.	00	DISP	33	-2.4025515E-04	0.0	0.0
						0.0
351.	00	DISP	34	-3.0393177E-04	0.0	
352.	០០	DISP	35	-3.6884611E-04	0.0	0.0
353.	00	DISP	36	-3.8739201E-D4	0.0	0.0
354.	CO	DISP	37	-3.9339764E-04	0.0	0.0
355.	00	DISP	38	-2.0003514E-04	0.0	0.0
356.	00	DISP	39	-1.5790047E-04	0.0	0.0
357.	00	DISP	40	-7.2636967E-04	0.0	0.0
					0.0	ñ.a
358.	00	DISP	41	-3.6841771E-04		
359.	ÖO	DISP	42	-4.1780248E-04	0.0	0.0
360.	00	DISP	43	-1.9046765E-04	0.0	0.0
361.	00	DISP	44	-1.7281508E-04	0.0	0.0
362.	00	UISP	45	-1.600#165E-04	0.0	0.0
363.	00	DISP	46	-1.6733709E-04	0.0	0.0
364.	00	DISP	47	-2.0299565E-04	0.0	0.0
365.	οö	DISP	4.8	-3.0871551E-04	0.0	0.0
366.	00		49	-3.7176 14E-04	0.0	0.0
		DISP		· · · · · · · · · · · · · · · · · · ·		
367.	00	DISP	50	-3.9920025E-04	0.0	ច∙ប៉
368.	00	DISP	51	-4.4391770E-04	0.0	0.0
369.	០០	DISP	52	-1.7181977E-04	0.0	0.0
370.	0.0	DISP	53	-1.6288142E-04	0.0	0.0
371.	00	DISP	54	-1.7786355E-04	0.0	0.0
372.	00	DĪSĒ	55	-7.6028400E-04	0.0	0.0
373.	00	DISP	56	-4.8588100E-04	0.0	0.0
374.	00	DISP	57	-1.5805371E-04	0.0	0.0
375.	00	DISP	5#	-1.531 8 563E-04	0.0	០ី∙បី
376.	00	DISP	59	-1.5734172E-04	0.0	0.0
377.	Üΰ	DISP	60	-1.6286304E-04	0.0	0.0
378.	ÖÜ	DISP	61	-1.6990188E-04	0.0	0.0
379.	OΟ	DISP	505	-2.364 6 046E-04	0.0	0 • 0
360.	00	DISP	62	-2.7959445E-04	0.0	ٿ. ن
381.	Oυ	DISP	506	-3.1317631E-04	0.0	0.0
382.	00	DISP	63	-3.2891333E-04	0.0	0.0
383.	00	DISP	507	-3.8224738E-04	0.0	0.0
384.	ÖÖ	DISP	64	-4.3692789E-04	Ö.Ö	· · · · · · · · · · · · · · · · · · ·
385.	00	DISP	508	-5.0043338E-04	0.0	0.9
386.	00	DISP	65	-5.6082918E-04	0.0	0.0
387.	00	DISP	66	-1.2500327E-04	0.0	0.0
388.	00	DISP	67	-1.2570016E-04	0.0	0.0
389.	Oυ	DISP	68	-1.4798276E-04	0.0	n•0
390.	Oυ	DÍSP	69	-1.0975545E-04	0.0	ก•ก
391.	0.0	DISP	70	-1.1193079E-04	0.0	0.0
392.	00	Disr	71	-1.0839247E-04	0.0	0.0
393.	00	DISP	72	-1.1036028E-04	0.0	0.0
		-		-1.2112624E-04		0.0
394.	00	DISF	73		0.0	
395.	0.0	DISP	74	-1 - 18 178 33E - 04	0.0	0.0
396.	ดบ	DISP	75	-1.1750958E-04	0.0	0.0
397.	00	DISP	76	-1.1537284E-04	0.0	0.0

398.	្តិច្ច	DISP	77	-1.1169347E-04	0.0	0.0
399 •	ÖÖ	DISP	78	-1.1061643E-04	0.0	0.0
4 C O •	00	DISP	79	-1.1075022E-04	0.0	0.0
411.	00	DISP	80	-1.09996636-04	Ó•Ö	Ö•Ö
402.	00	DISP	81	-1.0779203E-04	0.0	0.0
463.	00	DISP	₿2	-1.0563763E-04	Ď • Ü	יּסֿ∙ יּסֿ
464.	ถน	DISP	83	-1.0444703E-04	0.0	0.0
405.	00	DISP	84	-8.4881904E-05	ซึ•ซ	0.0
4E6.	00	DISP	85	-8.5739099E-05	0.0	0.0
407.	00	DISP	86	-8.8153218E-05	0 • u	ä•o
468.	00	DISP	87	-9.1591370E-05	0.0	n•0
409.	00	DISP	8.8	-9.3284762E-05	0.0	Ö•Ö

END ELT. ERRORS: NONE. TIME: 2.780 SEC. IMAGE COUNT: 409

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CFHC C	YLINDER 34	THRUST	CHAMBER	₹					a e emmercia de la composición de la composición de la composición de la composición de la composición de la c
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NUMBER	OF CYCLES	FOR CUR	VE FIT	Ξ	3				
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OFHC CYLINDER 34 CYCLE 100 BASE CONFIGURATION

NODE 1				þ	THETA	Z				
NODE 101	NODE	1		1.20211	. on ron	• 00000	,	2	2	
NODE 102						11 - 40 41 11		_	-	
NODE 103								2 '		
NODE 103							2	· · · · · · · · · · · · · · · · · · ·		
NODE NODE	NODE	3		1.28919			2	2		
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NODE 1	NODE	4		1.28819	.81300	• 60000	2			
NODE 106	NODE	104		1.28773	•9485Ö	.00000	2	2		
NODE 106	NODE	5		1.28735	1.08400	•00000	2	2		
NODE 106 1.28667 1.61500 .00000 2 2 NODE 1 1.28675 1.79200 .00000 2 2 NODE 107 1.28694 1.96500 .00000 2 2 NODE 108 1.28718 2.32300 .00000 2 2 NODE 10 1.28724 2.50000 .00000 2 2 NODE 10 1.29554 .00000 .00000 2 2 NODE 11 1.29554 .54200 .00000 2 2 NODE 12 1.29175 1.08400 .00000 2 2 NODE 13 1.29164 2.5000 .00000 2 2 NODE 14 1.29164 2.5000 .00000 2 2 NODE 15 1.298164 2.7100 .00000 2 2 NODE 16 1.29649 .8120 .00000 2	NODE	105		1.28697	1.26 100	•00000	Ž	Ž		
NODE	NODE	6		1.28681	1.43800	.00000		2		
NCDE 107						•00000				
NODE 108 1.28714 2.14600 .00000 .00000 .2 2 NODE 108 1.28718 2.32300 .00000 .00000 .2 2 NODE 9 1.28724 2.50000 .00000 .00000 .2 2 2 NODE 10 1.29554 .00000 .00000 .00000 .2 2 2 2 NODE 11 1.29346 .54200 .00000 .00000 .2 2 2 NODE 12 1.29108 1.79200 .00000 .00000 .2 2 NODE 13 1.29108 1.79200 .00000 .0000 .2 2 NODE 14 1.29108 1.79200 .00000 .0000 .2 2 NODE 16 1.29901 .00000 .00000 .00000 .2 2 NODE 16 1.29684 .27100 .00000 .00000 .2 2 NODE 17 1.29770 .54200 .00000 .00000 .2 2 NODE 17 1.29689 .8120 .00000 .00000 .2 2 NODE 15 1.29689 .8120 .00000 .00000 .2 2 NODE 20 1.29549 1.79200 .00000 .00000 .2 2 NODE 21 1.29549 1.79200 .00000 .00000 .2 2 NODE <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>• 00000</td> <td>2</td> <td>2</td> <td></td> <td></td>		•				• 00000	2	2		
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NODE 10								2		
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NODE 16 1.29854 .27100 .00000 2 2 NODE 17 1.29770 .54200 .00000 2 2 NCCE 18 1.29689 .81200 .00000 2 2 NODE 15 1.29619 1.08400 .00000 2 2 NODE 20 1.295566 1.43800 .00000 2 2 NODE 21 1.29575 2.14600 .00000 2 2 NCDE 22 1.29575 2.50000 .00000 2 2 NODE 23 1.29575 2.50000 .00000 2 2 NODE 24 1.30273 .00000 .00000 2 2 NODE 25 1.30217 .54200 .00000 2 2 NODE 26 1.30672 1.08400 .00000 2 2 NODE 26 1.30643 .00000 .00000 2							2	2		
NODE 17 1.29770 .54200 .0000 2 2 NCDE 18 1.29689 .81300 .00000 2 2 NODE 15 1.29519 1.08400 .00000 2 2 NODE 20 1.29566 1.43800 .00000 2 2 NODE 21 1.29573 2.14600 .00000 2 2 NODE 23 1.29573 2.50000 .00000 2 2 2 NODE 23 1.29573 .00000 .00000 2 2 2 NODE 23 1.29573 .00000 .00000 2 2 2 NODE 23 1.30273 .00000 .00000 2 2 2 NODE 24 1.30273 .00000 .00000 2 2 2 NODE 26 1.30273 .00000 .00000 2 2 2 NODE 26 1.30643 .00000 .00000 2 2 2 <							4	. 2	2	
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NODE 37 1.30481 2.50000 .00000 2 2 2 NODE 38 1.31021 .00000 .0000 2 2 2 NODE 39 1.31095 .54200 .00000 2 2 NODE 40 1.31038 1.08400 .00000 2 2 NODE 41 1.30935 1.79200 .00000 2 2 NODE 42 1.30935 1.79200 .00000 2 2 2 NODE 43 1.31438 .00000 .00000 2 2 2 NODE 44 1.31469 .27100 .00000 2 2 2						-				
NODE 3A 1.31C21 .00C00 .C0000 2 2 2 NODE 39 1.31C95 .54200 .00000 2 2 NCUE 40 1.31C38 1.08400 .00000 2 2 NODE 41 1.30935 1.79200 .C0000 2 2 NODE 42 1.30891 2.50000 .c0000 2 2 2 NODE 43 1.3143A .00000 .c0000 2 2 2 NODE 44 1.31469 .27100 .c00cc 2 2 2									_	
NODE 39 1.31C95 .54200 .00000 2 2 NCDE 40 1.31C38 1.08400 .00000 2 2 NODE 41 1.30935 1.79200 .00000 2 2 NODE 42 1.30891 2.50000 .00000 2 2 2 NODE 43 1.31438 .00000 .00000 2 2 2 NODE 44 1.31469 .27100 .00000 2 2 2						The state of the second		. 2	2	
NCDE 40 1.31C38 1.08400 .00000 2 2 NODE 41 1.30935 1.79200 .0000 2 2 NODE 42 1.30891 2.50000 .0000 2 2 NODE 43 1.31436 .00000 .00000 2 2 NODE 44 1.31469 .27100 .00000 2 2									2	
NODE 41 1.30935 1.79200 .C006C 2 2 NODE 42 1.30891 2.50000 .c0000 2 2 2 NODE 43 1.31436 .00000 .c0000 2 2 2 NODE 44 1.31469 .27100 .c00cc 2 2	_							2		
NODE 42 1.30891 2.50000 .00000 2 2 NODE 43 1.31438 .00000 .00000 2 2 NODE 44 1.31469 .27100 .00000 2 2								4		
NODE 43 1.31430 .00000 .00000 2 2 NODE 44 1.31469 .27100 .0000 2 2									•	
NODE 44 1.31469 .27100 .00000 2 2					-					
									•	

NODE	46	1.31522 .81300 .00000	2	2		
NODE	47	1.31501 1.08400 .00000	<u> 5</u>	2		•
NODE	48	1.31457 1.43800 .00000	2	2		
NODE	40	1.31401 1.79200 .00000	2	2		
NODE	50	1.31328 2.14600 .00000	2	2		
NODE	51	1.31271 2.50000 .00000	2	2	2	
NODE	52	1.31882 .00000 .00000			2	
NODE	53	1.31922 .54200 .C0000	2	2	. = .	
NODE	54	1.31959 1.08400 .00000	5	2		
NODE	55	1.31871 1.79200 .00000	2	2		
NODE	56	1.31657 2.50000 .00000	2	2	2	
NODE	57	1.32330 .00000 .00000	2	2	2	
NODE	58		2		2	
NODE	59	The state of the s	2	2	*********	
NODE	60	9	2	2		
NODE	61		2	2		
		1.32396 1.08400 .00000		2		
NODE	505	1.32404 1.26100 .00000	2	2		
NODE	62	1.32383 1.43800 .00000	2	2		
NODE	506	1.32378 1.61500 .00000	2 2			
NCCE	63	1.32324 1.79200 .00000				
NCDE	507	1.32229 1.96500 .00000	2	2		
NODE	64	1.32174 2.14600 .00000	2	2		
NODE	508	1.32106 2.32300 .00000	2	2	_	
NCDE	65	1.32C73 2.50CCO .COCOC	2	2	2	
NODE	66	1.33606 .00C00 .CCCCC	2	<u>2</u>	2	
NODE	67	1.33618 .54850 .00000	Ž			
NODE	68	1.33629 1.09680 .00000	2	2	à	
NODE	69	1.34874 .00000 .00000	2		2	
NODE	70	1.34875 .2775D .COOCO	2	2		
NODE Node	71 72	1.34877 .55500 .00000	2 2	2		
	41 14	1.34881 .83220 .coooc		2 -		
NODE	73	1.34877 1.10950 .00000	2		_	
NODE	74	1.37372 .00000 .00000	2	2	2	
NODE	75	1.37372 .56800 .00000	2			
NODE	76	1.37373 1.13500 .00000	2	2		
NODE	77	1.37377 1.81800 .00000	Ž	2	_	
NODE	78	1.37377 2.50C00 .C000C	2	2 2	2	
NODE	79	1.47352 .00000 .00000	2	2	2	
NODE	80	1.47354 .56800 .00000	2	2		
NODE	81	1.47358 1.13 00 .00000	2	2		
NODE	82	1.47362 1.81800 .00000	2	2	_	
NODE	83	1.47364 2.50000 .00000	Ż	2	2	
NCDE	84	1.57376 .00C00 .coocc	2	2	2	
NCCE	85	1.57375 .56800 .00000		2		
NODE	8 6	1.57269 1.13500 .00000	2	2		
NODE	87	1.57361 1.81800 .00000	2	2	_	
NCDE	8.8	1.57358 2.50000 .00000	2	2	2	

CFHC CYLINDER 34 COMPUTED CYCLE 103 DISPLACEMENTS

		U	v .	W
NODE	1	.37476115-04	• o casanaa	.0000000
NCDE	101	37949603-05	.0000000	• 00000000
NODE	2	58361271-04	.00000000	•00000000
NODE	102	10029995-03	.0000000	• 0000000
NODE	3	14055590-03	.0000000	. 0000000
NODE	103	14946920-03	•0000000	• 0000000
NODE	4	15742247-03	•0000000	.0000000
NODE	104	17747474-03	•0000000	.0000000
NODE	5	18890105-03	.00000000	.00000000
NODE	105	20262928-03	.0000000	. ccconono
NODE	6	21570038-03	•0000000	• 00000000
NODE	106	22380486-03	•0000000	• 00000000
NODE	7	23170449-03	•0.0000.00	·cacábaaa
NODE	107	23619988-03	•0000000	•0000000
NODE	•	23774184-03	•0000000	• 00000000
NODE	108	23336764-03	•0.0000000	• 0000000
NODE	9	22803729-03	.0000000	• 0000000
NODE	10	265#573#-04	.0000000	.00000000
NODE Node	11 12	97779121-04	.00000000	•00000000
NODE	13	18248246-03 23589333-03	.00000000	.00000000
NODE	14	23780811-03	•0000000 •0000000	.0000000
NODE	15	+.55540542-04	•0000000	•00000000
NODE	16	75667864-04	•0000000	• 00000000
NODE	17	79757039-04	•00000000	•00000000
NODE	18	11539945-03	•0000000	• Cocooodu
NODE	19	16424572-03	.0000000	•0000000
NODE	Žΰ	20718720-03	•0000000	.0000000
NODE	21	23933570-03	.0000000	•00000000
NODE	22	25322940-03	•00000000	. 00000000
NODE	23	24900050-03	0000000	• 60000000
NODE	24	66776294-04	• 0 0000000	• 0000000
NODE	25	78240017-04	•00000000	.0000000
NCDE	26	14485026-03	•000000C	.0000000
NCDE	27	2443#254-03	•00000000	• cccoooo
NODE	28	26439945-03	00000000	• 00000000
NODE	29	73597621-04	•0000000	•0000000
NCCE	30	68204376-04	.00000000	• cooocoo
NODE	31	70440061-04	.00000000	• CCCONOCO
NODE	32	98441509-04	.00000000	.0000000
NODE	33 34	13411495-03	.00000000	•00000000
NODE		19125637-03	00000000	00000000
NODE	35	24966360-03	00000000	.00000000
NODE	36 37	27121208-03 27913158-03	•0.0000000 •0.0000000	• 00000000 • 00000000
NODE	38	71518793-04	.007000700	0000000
NODE	39	60330538-04	.00000000	•00000000
NODE	40	12296885-03	.0000000n	•0000000
NODE	41	~. 25397516-03	.0000000	•0000000
NODE	42	29458408-03	.00000000	•0000000
NODE	4.3	61171522-04	,00000000	• 00000000
NODE	44	55287324-04	00000000	• ជប់ដែលជាប់ជប
NODE	4.5	55678451-04	•00000000	•00000000

```
• 00000000
NODE
                    -.71002461-04
                                      • D C D D D D D D
        46
NODE
        47
                    -.10679517-03
                                      .00000000
                                                        .00000000
NODE
                    -.20256350-03
                                      .00000000
                                                        .00000000
        4 8
NCCE
        49
                    -.26017427-03
                                      .00000000
                                                        .0000000
NODE
                     -.28703222-03
                                      .00000000
                                                        .00000000
        50
NODE
        51
                    -.31214627-03
                                      .0000c00n
                                                        .00000000
NODE
        52
                    -.48088827-04
                                      .00000000
                                                       •00000000
NCDE
                     -.52087998-04
        5 1
                                      .00000000
                                                        · C G C O O O O C
NODE
        54
                    -.88C#4038-04
                                      .00000000
                                                        .0000000
NODE
        55
                    -.25854073-03
                                      .00000000
                                                        • 00000000
NODE
                    -.33932948-03
                                                       .00000000
        56
                                      .00000000
NODE
        57
                    -.38831960-04
                                      .00000000
                                                        .00000000
                                      00000000
NODE
        58
                    -.36427591-04
                                                        . C0C00000
NODE
                    -- 45728346-04
                                      .00000000
        59
                                                       .00000000
NODE
        60
                    -.58628068-04
                                      .00000000
                                                        .00000000
NODE
        61
                     -.77890232-04
                                      .0000000
                                                        .ccconooo
NODE
        505
                    -.14807821-03
                                      .00000000
                                                        .00000000
NODE
        62
                    -.18996501-03
                                      .00000000
                                                        · C0000000
NODE
                    -.22773044-03
                                      .ocooocon
        506
                                                        .00000000
NODE
        63
                     -.24684262-03
                                      .00000000
                                                        .00000000
NODE
        507
                     -.28418656-03
                                      .00000000
                                                        coccoco
NODE
        64
                    -.31736540-03
                                      .00000000
                                                        .00000000
NODE
        508
                    -.35292259-03
                                      .00000000
                                                        .00000000
NODE
                     -.38290094-03
                                      .00000C0p
        65

    cocooooo

NODE
                    -.15652608-04
                                                       .00000000
        66
                                      .00000000
NODE
        67
                    -.19475119-04
                                      .00000000
                                                        •00000000
                                      .00000000
NODE
                    -- 45611654-04
                                                        .00000000
        68
NCEL
                    -.65ABC987-05
        69
                                       .00000000
                                                        •ccconono
NODE
        70
                    -.85069069-05
                                      .00000000
                                                        .00000000
NODE
                     -.61779920-05
        71
                                      .0000000p
                                                       •000000nn
NODE
                    -.85803867-05
                                      .00000000
        72
                                                        .00000000
NCDE
        73
                    --17994287-04
                                      .0000000
                                                        .0000000
NODE
                                      .00000000
        74
                    -.16804144-04
                                                        • CCC00000u
NODE
        75
                    -.16082791-04
                                      • o dooo do o
                                                        .00000000
NODE
        76
                    -.14003383-04
                                      .00000000
                                                        .00000000
NCDE
                    -.10870307-04
        77
                                      .00000con
                                                        • 00000000
                                      .00000000
NODE
        78
                    -.99405952-05
                                                        .00000000
NODE
        79
                    -.12707024-04
                                      •00000000

    ñöñüñöña

NODE
        80
                    -.12152830-04
                                      .00000000
                                                        · CCC00000
NODE
                    -.10625276-04
                                      .00000000
        81
                                                        .00000000
NODE
                    -.92355276-05
        82
                                      .00000000
                                                       .000000000
NODE
        83
                    -.83033146-05
                                      .0000000

    coconboo

NODE
                     .19710460-05
                                      .00000000
        84
                                                        .00000000
NODE
        85
                     . 13936369-05
                                      .0000000
                                                        . 000000000
NODE
        86
                    -.93927326-07
                                      •00000000
                                                        · C0000000
NCCE
                    -.21765100-05
                                      .00000000
                                                        .cocoooou
NODE
                    -.32590515-05
                                      .00000000
        2.5
                                                        • 00000000
```

OFHC CYLINDER 34 COMPUTED CYCLE 104 DISPLACEMENTS

		U	٧	W
NODE	1	.52454794-04	.00000000	•0000000
NODE	101	10551387-04	•00000000	•00000000
NODE	2	88745379-04	.00000000	. coconodo
NODE	102	15058008-03	.00000000	.0000000
NODE	3	20848626-03	•0.000000	.0000000
NODE	103	21876342-03	.00000000	.0000000
NODE	4	22687243-03	.0000000	• 0000000
NODE	104	25058771-03	.0000000	•00000000
NODE	5	26261527-03	.0000000	.00000000
NODE	105	27670851-03	.0000000	.0000000
NODE	6	28948137-03	.0000000	.0000000
NODE	106	29612286-03	.0000000	• 00000000
NODE	7	30136900-03	•000000n	• 00000000
NODE	107	30077086-03	•0000000	• 66600000
NODE	8	29796478-03	.00000000	.0000000
NODE	108	28835773-03	.0000000	.0000000
NODE	9	27951295-03	•0000000	.00000000
NODE	10	47175447-84	.0000000	• 0000000
NODE	11	15022868-03	.00000000	•00000000
NODE	12	25298004-03	• 0 0 0 0 0 0 0 0	•00000000
NODE	1.3	30470290-03	.00000000	.00000000
NODE	14	28779055-03	.0000000	.0000000
NODE	15	95250623-04	•00000000	• 60600000
NODE	16	12354326-03	.თ ით მი მი	• 0000000
NODE	17	12680987-03	•0000000	•0000000
NODE	18	17001944-03	•0000000	• 0000000
NODE	19	22752756-03	.00000000	.00000000
NODE	20	27405401-03	.00000000	• 0000000
NODE	21	30628568-03	•0000000	• 0000000
NODE	22	31278655-03	.0000000	.0000000
NODE	23	30055456-03	.00000000	.00000000
NODE	24	11721461-03	.0000000	• 00000000
NODE	25	~•12734550-03 - 30110117.707	.00000000	•00000000
NODE	26	20110117-03 30904333-03	00000000	• 00000000
NODE	27 28	32003666-03	•0.0000000 •0.0000000	• Cacadooa • Cacadooa
NODE	29	+.13300615-03	.00000000	• 00000000
NODE	30	12261278-03	.00000000	• 0000000
NODE	31	11945740-03	00000000	• 00000000
NODE	32	14962799-03	.0000000	•0000000
NODE	33	18769350-03	•00000000	•00000000
NECE	34	2488C958-C3	,0(000000	• 0000000
NCDE	3.5	31132624-03	.0000000	• 0000000
NODE	36	33153337-03	•00000000	• 00000000
NODE	37	33868128-03	•0.0000000	.00000000
NCDE	38	13578424-03	33100030.	• ## ## ## ## ## ## ## ## ## ## ## ## ##
NODE	35	10936517-03	.00000000	• ccconoou
NODE	40	17514019-03	•0000000	• 0000000
NODE	41	31320378-03	.00000000	•0000000
NGDE	42	35653055-03	•0.0000.00	• 00000000
NODE	43	12567174-03	• a cannuau	• 60 60 00 00
NODE	44	11399663-03	•0.0000000	• 00000000
NODE	4.5	10#04545-03	•0.0000000	• 00000000

```
•0000000
                                                      .00000000
NODE
                    -.11956705-03
NODE
        47
                    -.15546908-03
                                      .00000000
                                                       . conocco
                    -.25711278-03
NODE
        48
                                      •0000000n
                                                      .00000000
NODE
                    -.31781057-03
                                      .00000000
                                                      .00000000
NODE
        50
                    -.34536282-03
                                      .00000000
                                                       .00000000
NODE
        51
                    -.38035889-D3
                                      .00000000
                                                      .00000000
NODE
                    -.10972186-03
                                     .00000000
                                                      .00000000
        52
NODE
        53
                    -.10761476-03
                                      .00000000
                                                       .cocococo
NODE
                    -.13368264-03
                                      .00000000
                                                      .00000000
NODE
        55
                    -.31118817-03
                                      .0000000n
                                                      .00000000
NODE
        56
                    -.41484227-03
                                      .00000000
                                                       .00000000
NODE
                    -.98225719-04
                                      .00000000
                                                       .00000000
NODE
                    -.94514558-04
                                                      .00000000
                                      .00000000
        58
NODE
        59
                    -.10163350-03
                                      •0000000
                                                       .0000000
NODE
        60
                    -.11116161-03
                                      .00000000
                                                      .00000000
NODE
                    -.12460700-03
        61
                                      .0000000n
                                                       .00000000
NODE
        505
                    -.19365043-03
                                      .00000000
                                                      .00000000
NODE
                    -.23644103-03
        62
                                      .00000000
                                                       .00000000
NODE
        506
                    -.27239299-03
                                      .00000000
                                                      .000000000
NODE
        63
                    -.28978032-03
                                      .00000000
                                                      .00000000
NODE
        507
                    -.33527939-03
                                      .00000000
                                                       .00000000
NODE
        64
                    -.37928880-03
                                      .00000000
                                                      •00000000
NODE
        508
                    -.42879093-03
                                      .00000000

    nononono

NODE
        65
                    --47075564-03
                                      .00000000
                                                       .00000000
NODE
        66
                    -.69868853-04
                                      .00000000
                                                      .00000000
NODE
        67
                    -.72239258-04
                                      .ocoooron
                                                       • C0000000
NODE
        68
                    -.96968681-04
                                      .0c000noo
                                                       .00000000
NODE
                    -.57470650-04
                                      .00000000
                                                      .00000000
NODE
        70
                    -.59626327-04
                                      .00000000
                                                      - COCOOODO
NODE
        71
                    -.56621197-04
                                      .0000000
                                                       .coconoou
NODE
        72
                    -.58846039-04
                                      •00000000
                                                      .00000000
NODE
                    -.69192538-04
        73
                                      .0000000n
                                                       .00000000
NODE
        74
                    -.66925044-04
                                      .00000000
                                                      .00000000
NODE
        75
                    -.66226072-04
                                      .00000000
                                                      .00000000
NODE
        76
                    -.64123815-D4
                                      •0.0000000
                                                       coconoou
NODE
        77
                    -.60637482-04
                                      .orooonoo
                                                       cocococo
                                      .00000000
                                                      .00000000
NODE
                    -.59639380-04
        78
NODE
        19
                    -.61195795-04
                                      .0000000
                                                       • COCOCOCO
NODE
        80
                    -.60537801-04
                                      .0000000n
                                                      .00000000
NODE
                    -.58646649-04
                                      .00000000
        81
                                                       C0000000
NODE
        82
                    -.56864694-D4
                                      .00000000
                                                       • 00000000
NODE
                    -.55801400-04
        8 3
                                      .ocooonan
                                                      .00000000
NODE
       84
                    -.40893225-04
                                      .00000000
                                                       .00000000
NODE
        85
                    --41615538-04
                                      .0000000
                                                      0000000
NODE
                    -.43587992-04
                                      .00000000
                                                      .00000000
        86
NODE
       87
                    -- 46353161-04
                                      .00000000
                                                       .cononooo
NODE
                    -.47735375-04
                                      .00000000
                                                       • cacanoou
```

OFHC CYLINDER 34 COMPUTED CYCLE 105 DISPLACEMENTS

NODE			U	v	V
NODE 101	NODE	1	.681n8755-Du	. 0.0000000	- 0000000
NODE 102					
NOBE 102					
NODE 103			* * * * * * * * * * * * * * * * * * *		
NODE 103					
NODE 104					
NOTE 104					
NODE 10	NODE	104			.0000000
NODE 106	ACCE	5	33424376-03	.orccorcc	.000000
NODE 106	NODE	105	34831930-03	•0000000	. cccococo
NODE	NODE	6	36026351-03	•00000000	• 00000000
NODE		106	36514504-03	•0000000	•0000000
NCCE 8		7	36728452-03	•0.0000.00	• cecañona
NODE 10		107		_	_
NODE					
NODE 10 67247616-04 .0000000 .0000000 NODE 11 20701843-03 .0000000 .0000000 NODE 12 3214F161-03 .0000000 .0000000 NODE 13 3694473-03 .0000000 .0000000 NODE 14 33263639-03 .0000000 .0000000 NODE 15 13484016-03 .0000000 .0000000 NODE 16 17991418-03 .0000000 .0000000 NODE 17 17405830-03 .0000000 .0000000 NODE 18 22411777-03 .0000000 .00000000 NODE 19 28923131-03 .0000000 .0000000 NODE 21 36951294-03 .0000000 .0000000 NODE 21 36951294-03 .0000000 .0000000 NODE 23 34712162-03 .0000000 .00000000 NODE 23 347712162-03 .0000000 .0000000 NODE<					
NODE 12					
NCDL 12		-			
NODE					
NODE 14 -33263639-03 .0000000 .0000000 NODE 15 -13484016-03 .0000000 .0000000 NODE 16 -17791418-03 .0000000 .0000000 NODE 17 -17405830-03 .0000000 .0000000 NODE 18 -2241777-03 .0000000 .0000000 NODE 19 -28923131-03 .0000000 .0000000 NODE 20 -33697475-03 .0000000 .0000000 NODE 21 -36951294-03 .0000000 .0000000 NODE 22 -36776601-03 .0000000 .0000000 NODE 23 -34712162-03 .0000000 .0000000 NODE 24 -1675982-03 .0000000 .0000000 NODE 25 -17607304-03 .0000000 .0000000 NODE 26 -25614654-03 .0000000 .0000000 NODE 27 -36975974-03 .0000000 .0000000 NODE 2					
NODE 15 13484016-03 .0000000 .0000000 NODE 16 17091418-03 .0000000 .0000000 NODE 17 17405830-03 .0000000 .0000000 NODE 18 22411777-03 .0000000 .0000000 NODE 19 28923131-03 .0000000 .0000000 NODE 20 33807475-03 .0000000 .0000000 NODE 21 36951294-03 .0000000 .0000000 NODE 22 36776601-03 .0000000 .0000000 NODE 23 34712162-03 .0000000 .0000000 NODE 24 16759882-03 .0000000 .0000000 NODE 25 17607304-03 .0000000 .0000000 NODE 26 25614654-03 .0000000 .0000000 NODE 27 36975974-03 .0000000 .0000000 NODE 28 37779770-03 .0000000 .0000000 NODE <td></td> <td></td> <td>** * * * * * * * * * * * * * * * * * * *</td> <td></td> <td></td>			** * * * * * * * * * * * * * * * * * * *		
NODE 16 17091418-03 .0000000 .0000000 NODE 17 17405830-03 .0000000 .0000000 NODE 18 22411777-03 .0000000 .0000000 NODE 19 28923131-03 .0000000 .0000000 NODE 20 33807475-03 .0000000 .00000000 NODE 21 36951294-03 .0000000 .0000000 NODE 22 36776601-03 .0000000 .0000000 NODE 23 34712162-03 .0000000 .0000000 NODE 23 34712162-03 .0000000 .0000000 NODE 24 16759882-03 .0000000 .0000000 NODE 25 17607304-03 .0000000 .00000000 NODE 26 25614654-03 .0000000 .00000000 NODE 27 36975974-03 .0000000 .00000000 NODE 28 37079770-03 .0000000 .00000000 NO					
NODE 17 17405830-03 .0C000000 .C0000000 NODE 18 22411777-03 .0C000000 .C0000000 NODE 19 28923131-03 .0C000000 .0000000 NODE 20 33697475-03 .0C000000 .0000000 NODE 21 36951294-03 .0C000000 .0000000 NODE 22 36776601-03 .0C000000 .0000000 NODE 23 34712162-03 .0C000000 .C0000000 NODE 24 16759882-03 .0C000000 .C0000000 NODE 25 17607304-03 .0C000000 .C0000000 NODE 26 25614654-03 .0C000000 .C0000000 NODE 26 25614654-03 .0C000000 .C0000000 NODE 27 36975974-03 .0C000000 .C0000000 NODE 28 37079770-03 .0C000000 .C0000000 NODE 30 17673560-03 .0C000000 .C0C00000					
NODE 18 22411777-03 .0000000 .0000000 NODE 19 28923131-03 .00000000 .0000000 NODE 20 33807475-03 .0000000 .0000000 NODE 21 36951294-03 .0000000 .0000000 NODE 22 36776601-03 .00000000 .0000000 NODE 23 34712162-03 .00000000 .0000000 NODE 24 16759882-03 .00000000 .00000000 NODE 25 17607304-03 .00000000 .00000000 NODE 26 25614654-03 .00000000 .00000000 NODE 27 36975974-03 .00000000 .00000000 NODE 28 370779770-03 .00000000 .00000000 NODE 29 19227443-03 .00000000 .00000000 NODE 30 17673560-03 .00000000 .00000000 NODE 31 16783226-03 .00000000 .00000000					
NODE 19 -28923131-03 .00000000 .00000000 NODE 20 -33807475-03 .0000000 .0000000 NODE 21 -36951294-03 .0000000 .0000000 NODE 22 -36776601-03 .0000000 .0000000 NODE 23 -34712162-03 .0000000 .0000000 NODE 24 -16759882-03 .0000000 .0000000 NODE 25 -17607304-03 .00000000 .00000000 NODE 26 -25614654-03 .00000000 .00000000 NODE 26 -25614654-03 .00000000 .00000000 NODE 27 -36975974-03 .00000000 .00000000 NODE 28 -37079770-03 .00000000 .00000000 NODE 30 -17673560-03 .00000000 .00000000 NODE 31 -16783226-03 .00000000 .00000000 NODE 32 -20018000-03 .00000000 .00000000 NOD			and the second s		
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NODE
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COMPUT	TED CYCI	LE 105							
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NODE	1		1.29218	.0000	.0000	2	2	2	
NODE	101		1.29160	.1355	•0000	2	_	٤.	
NODE	2		1.29075	.2710			2;		
NODE	102		1.28992	.4 [65	•0000	<u>2</u>	2		
			1.28891	.5420	•0000	2	2		
NODE	3			.,	• 0000	ž	2		
NODE	103		1.28832	.6775	•0000		2		
NODE	4		1.28789	• 8 130	•0000	2	2		
NODE	104		1.28741	.9485	•0000	Ź			
NODE	5		1.28702	1.0840	•0000	<u>2</u>	2 -		
NODE	105		1.28662	1.2610	•0000				
NCLE	6		1.28645	1.4380	.0000	2	2		
NODE	106		1.28630	1.6150	.0000	Ż	2		
NODE	7		1.28638	1.7920	• 0000	2	2		
NODE	107		1.28658	1.9690	•0000	2	2		
NCDE	8		1.28669	2.1460	•0000	2	2		
NODE	106		1.28684	2.3230	• 0000	2			
NODE	9		1.28691	2.5000	• 0000	2	2	2	
NODE	7.0		1.29547	•0000	.0000	2	Ž	2	
NODE	11		1.29326	• 5 4 2 0	•0000	2	2		
NODE	12		1.29143	1.0840	.0000	2	2		
NODE	1.3		1.29071	1.7520	.0000	2	. 2		
NODE	14		1.29131	2.5 CUO	•0000	2	2	2	
NODE	15		1.29888	• 0 000	•0000	2	2	2	
NODE	16		1.29837	•2710	•0000	Ž	2		
NODE	17		1.29753	•5420	• 0000	2	2		
NODE	18		1.29667	·8130	• 0000	2	Ź		
NODE	19		1.29590	1.0740	•0000	2	2		
NODE	20		1.29532	1.4380	• 0000	₹	2	•	
NODE	21		1.29512	1.7920	•0000	2	2		
NODE	22		1.29536	2.1460	• COOO	2	2		
NODE	23		1.29560	2.5000	• 0000	2	2	2	
NODE	24		1.30256	•000	•0000	2	2	2	
NODE	25		1.30199	• 5 420	•0000	2	2		
NODE	26		1.30066	1.0740	•0000	2	Ž		
NODE	27		1.29979	1.7920	•0000	2	2		
NODE	≟ 8		1.30006	2.5000	• 6000	2	2	2	
NODE	29		1.30624	•0000	• 0000	2	2	2	
NODE	30		1.30643	-2710	•0000	2	2		
NODE	31		1.30650	• 5 4 2 0	•0000	2	2		
NODE	32		1.30602	.8130	• 0000	Ž	Ž		
NODE	33		1.30548	1.0840	•0000	2	2		
NODE	34		1.30483	1.4380	•0000	2	2		
NODE	35		1.30444	1.7920	• 0000	2	2		
NODE	36		1.30440	2.1460	•0000	2	2		
NODE	37		1.30442	2.5000	•0000	2	2	2	
NODE	38		1.31001	• 0 0 0 0	• 0000	Ź	2	Ž	
NODE	39		1.31079	•5420	•0000	2	2		
NODE	40		1.31015	1.0940	•0000	2	2		
NODE	41		1.30898	1.7520	•0000	2	2		
NODE	42		1.30849	2.5000	•0000	2	2	2	
NODE	43		1.31419	•0.000	• 6000	2	2	2	
NODE	44		1.31452	.2710	•0000	2	2		
NODE	45		1.31489	•5420	•0000	2	2		

NODE	46	1.31505 .8130 .0000	2	2	
NODE	47	1.31481 1.0840 .0000	2	2 2	
NODE	48	1.31426 1.4380 .0000	2	2	
NODE	49	1.31364 1.7920 .0000	2	2	
NODE	50	1.31288 2.1460 .0000	2	2	
NODE	51	1.31227 2.5000 .0000	2	2	2
NODE	52	1.31865 .0000 .0000	2	2 '	2
NODE	53	1.31906 .5420 .0000	2	2	
NODE	54	1.31941 1.0840 .0000	2	2	
NODE	5.5	1.31835 1.7920 .0000	2	2	
NODE	56	1.31608 2.5000 .0000	2	2	2
NODE	5 7	1.32314 .0000 .0000	2	2	2
NODE	58	1.32321 .2710 .0000	2		
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NODE	60	1.32344 .8130 .0000	2		
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NODE	505	1.32380 1.2610 .0000	2		
NODE	62	1.32355 1.4380 .0000	2	2	
NODE	506	1.32347 1.6150 .0000	2		
NODE	6.3	1.32291 1.7920 .0000	2	2 2	
NODE	507	1.32191 1.9690 .0000	2	2	
NODE	64	1.32130 2.1460 .0000	2	2	
NODE	508	1.32056 2.3230 .0000	2	2	•
NODE	65	1.32017 2.5000 .0000	2	2	2
NODE	66	1.33594 .0000 .0000	2	. 2 .	2
NODE	67	1.33605 .5485 .0000	2		
NODE	6.8	1.33614 1.0568 .0000	2	2	
NODE	69	1.34863 .0000 .0000	2	2	2
NODE	70	1.34864 .2775 .0000	2	2	
NODE	71	1.34866 .5550 .0000	Ž	2	
NODE	72	1.34870 .8322 .0000	2	2	
NODE	7 3	1.34865 1.1095 .0000	2	2	
NODE	7.4	1.37360 .0000 .0000	2	2	2
NODE	75	1.37360 .5680 .0000	2	2	
NODE	16	1.37361 1.1350 .0000	2	2	
NODE	77	1.37366 1.8180 .0000	2	2	
NODE	78	1.37366 2.5000 .0000	2	2	2
NODE	79	1.47341 .0000 .0000	Ž	2	2
NODE	80	1.47343 .5680 .0000	2	2	
NCDE	81	1.47347 1.1350 .0000	2	2	
NCDE	82	1.47351 1.8180 .0000	2	2	
NODE	8.3	1.47354 2.5000 .0000	2	2	2
NODE	84	1.57368 .0000 .0000	2	2	2
NCUE	8.5	1.57366 .5680 .0000	Ž	Ż	
NODE	86	1.57360 1.1350 .0000	2	2	
NODE	87	1.57352 1.8180 .0000	2	2	
NODE	8.8	1.57349 2.5000 .0000	2	2	2

ÉXTRAF	OLATED CYCLE 105						
		l	DISPLACEMENTS			RCENT DEVIATIO	
		U	٧	W	Ú	V	
NODE	1	.67989313-04	• 60000000	• 00000000	.17537	.00000	.00000
NODE	101	17156373-C4	.00000000	•,00000000	16661	.00000	.00000
HODE	2	11847942-63	.00000000	•0000000	11008	.00000	•00000
NODE	102	2048645-03	.00000000	.00000000	05899	.00000	מטטטט.
NODE	3	27650804-63	• 60000000	•00000000	00867	00000	.00000
NODE	103	28788199-03	.00000000	.00000000	01114	.00000	00000
NCDE	4	29570487~[3	.00000000	.00000000	04283	.00000	.00000
NODE	104	32243907-03	.00000000	•00000000	08486	00000	.00000 .00000
NODE	5	33465115+C3	.0000000	.0000000	12188	.000CC	• 00000
NODE	105	34877961-03	.00000000	•0000000	13215	20002	•00000
NCDE	6	36075275-03	•00000000	•0000000	13580	00000 00000	•00000
NODE	106	36566326-[3	.00000000	.00000000	14192		• 30000
NODE	7	36789407-C3	• ០០០០០០០០	• 0000000	16596	00000	•00000
NCDE	107	36174239-03	.00000000	.00000000	19855 22144	. 00000 . 00000	•00000
NODE	. <u> </u>	35427324-[3	.00000000	.00000000	25940	•00000	.00000
NODE	108	33922179-C3	.00000000	.00000000		•00006	•00000
NODE	9_	32672414-C3	.00000000	.00000000	26168 12579	.00000	• 00000
NODE	10	67332207-04	.00000000	.00000000		•00000	•00000
NODE	11	20295969-03	•00000000	.00000000	.02893 10244	•00000 •00000	•00000
NODE	12	32181095-E3	.000000000	•00000000	17244	.00060	.00000
NODE	13	37048251-C3	•00000000	.00000000 .0000000	27632	.00000	- סטרטט
NODE	14	33355755-C3	.00000000		02265	.00000	•00000
NODE	15	13487070-C3	00000000	00000000	02265 0544 8	.00000	•00000
NCDE	16	17100730-03	.00000000	•00000000 •0000000	.01615	•00000	•00000
NODE	17	17403020-63	•00000000	• 00000000	D367D	30000.	.00000
NODE	1.6	22420002-03	.000000000	•00000000	07969	.00000	30000
NODE	19	28946181-C3	.00000000	.00000000	14280		.00000
NODE	20	33855753-63	.00000000	.00000000	17788	.00006	.00000
NODE	21 22	37017022-E3	.00000000	.00000000	20737	.00000	•00000
NODE		36852865-03 34794275-03	•00000000	.00000000	23656	.00000	•00000
NODE	23	16760256-C3	•00000000	.00000000	00223	3000ŭ•	.00000
NODE NODE	2 4 2 5	17613376-83	•00000000	•0000000	03449	•00000	•00000
NODE	26	25635149-C3	•00000000	• 00000000	08no1	•00000	םם מספי
NODE	27	37042232-03	.00000000	.00000000	17919	•00000	• 00000
NODE	28	37160207-03	.00000000	.00000000	21693	•00000	.00000
NODE	29	19229145-03	.00000000	.00000000	~.00885	·ccccr	.00000
NODE	30	17679791-03	.00000000	•00000000	03526	•00000	.00000
NODE	31	16794394-C3	.00000000	•00000000	06655	.00000	.00000
NODE	32	20027341-C3	000000000000000000000000000000000000000	00000000	04626	. ככככנ	
NODE	33	24038961-C3	.00000000	.00000000	05596	.00000	•00703
NCCL	3 4	30434964-03	.00000000	•0000000	13749	.00000	.00000
NOCE	35	36961026-53	.00000000	.00000000	20717	.00006	•00000
NODE	36	38810069-P3	•00000000	.00000000	18293	.00000	• 00000
NCCE	37	39422634-[3	•00000000	•00000000	21065	.0000	.00000
NODE	38	2ĈCC3249-Ĉ3	03033883	• 00000000	.00132	.00000	.ccoce
NODE	39	15797804-03	•00000000	.00000000	04912	.00000	•00000
NODE	40	22654544-[3	.00000000	.00000000	07765	.00000	.00000
NODE	41	36912283-03	.000000000	•00000000	19139	10000.	• 00000
NODE	42	41858107-C3	•00000000	•00000000	18635	• 50000	•00000
NODE	43	19041239-C3	•00000000	.00000000	. 02901	•00000	.00000
NODE	44	17280114-C3	3000000	• 00000000	.00807	.0000€	.00000
NODE	45	16013812-03	•00000000	•00000000	n352P	.00000	• 00000
14006	1.2	*10013012 C3	13000000	-000000			

			00000000	•0000000	09189	.00000	.00000
NODE	46	16749086-C3	.00000000	•0000000	10387		
NCDE	47	20320649-03		•00000000	15351	•00000	• 00000
NODE	4.5	30918943-03	.00000000	•0000000	16241	.00000	• 00000
NCDE	49	37237193-03	.00000000	-	17729	•00000	•00000
NODE	50	39990799-[3	.00000000	•00000000	17727 18806	.00000	.00000
NODE	51	44475251-C3	.00000000	•,00000000	-•18806 •04764	.00000	•00000
NODE	5 <i>2</i>	17173792-C3	•0000000	•0000000	02507	.00000	•00000
NODE	53	16292225-[3	.00000000	•0000000			•00000
NODE	54	17810968-53	•00000000	•0000000	13838	.00000 .00000	• 50005
NODE	5.5	36058499-[3	.00000000	.0000000	16681		•00000
NODE	56	486598D6-C3	•00000000	•0000000	14758	•00000	• 00000
NODE	57	15798473-C3	.00000000	.0000000	.04364	.00000	•00000
NODE	5 ₹	15308440-C3	•000000000	•0000000	•06608	20000	
NCDE	59	15737157-03	.00000000	•0000000	01897	.0000	•00000
NODE	60	16300689-03	•00000000	•00000000	08832	•00000	• 00000
NCDE	61	17012359-03	•00000000	.0000000	13049	•00000	
NCDE	505	23688813-C3	•00000000	• ០០០០០០០០	18086	•00000	.00000 .00000
NODE	62	28012873-03	.00000000	.0000000	19109	.00000	•00000
NODE	506	31385443-C3	• 00000000	•0000000	21653	• 00000	
NODE	6.3	32954162-63	.00000000	•0000000	19102	.00000	•00000
NODE	507	3#2934 <u>9</u> 9-C3	•00000000	• 0.000000	17989	33033	• 00000
NODE	64	43758930-[3	.00000000	.0000000	15138	.00000	•00000
NCDE	508	5C114963- <u>C3</u>	•00000000	• ជំជីបិជីជួបបង	+.14312	.00000	•00000
NODE	6.5	56046620-63	.00000000	•0000000	.06472	.00000	• 00000
NODE	66	12485852-C3	•00000000	•0000000	.11580	.00006	.00000
NODE	67	12558553-E3	•00000000	.0000000	.09119	.00000 .00000	•00000
NODE	6.8	148D3943-C3	.00000000	•0000000	03829 .20708	00000	•00000
NCDE	69	10953116-03	.00000000	• 0000000	• 20708 • 17277	•00000	•00000
NODE	70	11173740-c3	• 00000000	•00000000	•17277 •19721	.00000	•00000
NODE	7 1	10817870-03	.00000000	• 00000000		.0000	•00000
NODE	72	11015049-03	.00000000	.00000000	.19010	.20002	.00000
NODE	73	12100412-63	.00000000	.00000000	.10082		.00000
NODE	74	11798192-C3	• 00000000	.0000000	.16620 .16214	.0000C	.00000
NODE	75	11731905-63	.00000000	•00000000	.16176	•60006	.00000
NODE	76	11518621-03	.00000000	•0000000	• 10176 • 19643	00000	.00000
NODE	77	11147407-E3	.00000000	.00000000	•18995	.00000	•00000
NODE	7.5	11040631-03	.00000000	.00000000	.16084	.00000	•00000
NODE	79	11057209-03	.00000000	•00000000	.15842	.00000	.00000
NODE	80	10982237-03	.00000000	•0000000	.16254	.0000C	.00000
NODE	81	10761683-03	.000000000	•00000000	.18457	•00000	.00000
NODE	82	10544265-03	.00000000	•00000000	•18457 •18476	.00000	.00000
NODE	83	10425405-03	.00000000	•00000000	.18476 .20970	.00000	•00000
NODE	84	847039D5-C4	.00000000	.00000000	.22013		• 00000
NODE	85	85550360-04	.00000000	•00000000	• 22013 • 18870	.00000	•00000
NODE	86	87986875+04	.00000000	• 00000000 • 0000000	.19579	.00000	.00000
NODE	87	91412046-04	•00000000		•19605	.00000	•00000
ADCM	8.8	93101873-04	•60000000	•0000000	• 170UD	*00000	*00000

EXTRAF	OLATED	CYCLE 105						
			_	=	=			
	_		R	THETA	Ž	_	_	_
NODE	1		1,29218	.0000	.0000	2	2	2
NODE	101		1.29160	.1355	.0000	2	2;	
NCDE	2		1.29075	.2710	•0000	2	2	
NODE	102		1.28992	.4 (65	.0000	2	Ž	
NODE	3		1.28891	.5420	•0000	2	2	
NODE	103		1.28832	•6775	•0000	2	2	
NODE	4		1.28789	.8130	•0000	2	2	
NODE	104 5		1.28741	9485	•0000	2	2	
NODE			1.28702	1.2610	•0000	2	2 2	
NODE NCCE	105		1.28662		•0000	2	2	
NODE	6 106		1.28645 1.28630	1.4 30G 1.6 150	.0000 2000	2	2	
NODE	7		1.28638	1.7920		2	2	
NODE	107		1.28658	1.7690	•0000	2	2	
NCDE	8		1.28669	2.1460				
NODE	108		1.28684	2.3230	• 6000	<u> </u>	2	
NODE	9		1.28691	2.5000	•0000	2	2	2
NODE	10		1.29547	•0.000	•0000	ź	ź	ż
NODE	11		1.29326	•5420	.0000	2	2	<i>c</i> .
NODE	12		1.29143	1.0840	.0000	2	ž	
NODE	13		1.29071	1.7520	.0000	2	2	
NCDE	14	**	1.29131	2.5 (00	.0000	2	· 2	5
NODE	15		1.29888	•0000	.0000	ž	2	2
NODE	16		1.29837	.2710	•0000	ž	Ž	-
NODE	17		1.29753	.5 420	•0000	2	Ž	
NODE	18		1.29667	.8130	•0000	ž	2	
NODE	19		1.29590	1.0840	•0000	2	2	
NÓDE	2Ô		1.29532	1.4380	•0000	7	<u>2</u>	*********
NODE	21		1.29512	1.7920	•0000	2	2.	
NODE	22		1.29536	2.1460	• 0000	2	2	
NODE	23		1.29560	2.5000	•0000	2	2	2
NODE	24		1.30256	•0000	•0000	2	2	2
NODE	25		1.30199	•5420	• 6000	2	2	
NODE	26		1.30066	1.0840	0000	<u>5</u>	Ž	
NODE	27		1.29979	1.7920	•0000	2	2	
NODE	28		1.30006	2.5000	•0000	2	2	2
NODE	29		1.30624	•0000	•0000	2	2	2
NODE	30		1.30643	.2710	•0000	2	2	
NODE	31		1.30650	• 5 420	•0000	2	2	
NODE	32		1.30602	· 8 1 3 D	• 0000	Ž	Ž	
NODE	33		1.30548	1.0840	•0000	2	2	
NODE	34		1.30483	1.4380	• 0000	2	2	
NODE	35		1.30444	1.7920	•0000	2	2	
NODE	36		1.30440	2.1460	• 0000	2	2	_
NODE	37		1.30442	2.5000	•0000	2	2	2
NODE	38		1.31001	•0000	• 6000		Ž	Ž
NODE	39		1.31079	-5420	•0000	2	2	
NODE	40 41		1.31615	1.0#40	• 6000	2	2	
NODE	41		1.30898	1.7920	•0000	2	2	•
NODE	43		1.31419	2.5C00 .0C00	•0000	2 2	2	2 2
NODE	44		1.31452	.2710	• 0000 • 0000	Ž	2	
NODE	45		1.31489	• 5 4 2 D	• 0000	2	2	
	7.7			• J ¬ £ U	* ((U)H)	(Ĺ	

NODE	46	1.31505	.8130	•0000	2	2	
NODE	47	1.31481	1.0840	•0000	2	22	
NODE	4.8	1.31426	1.4380	•0000	2		
NODE	49	1.31364	1.7520	• 0000	2	2	
NODE	50	1.31288	2.1460	•0000	2	2	_
NODE	51	1.31227	2.5000	•0000	2	2 ,	2
NODE	52	1.31865	•0000	•0000	2	2	2
NODE	53	1.31906	•5420	•0000	2	2	
NODE	54	1.31941	1.0840	.0000	2	2	
NODE	5.5	1.31835	1.7920	•0000	2	2	
NODE	56	1.31608	2.5000	•0000	2		2
NODE	57	1.32314	•0000		2	2	2
				•0000	2	2	Z.
NODE	58	1.32321	•2710	•0000	2	2 2	
NODE	59	1.32340	•5420	•0000	2		
NODE	6 0	1.32344	.8130	• 0000	2	2	
NODE	61	1.32379	1.0840	•0000	Ž	2	
NODL	505	1.32380	1.2610	•0000	2	2	
NODE	62	1.32355	1.4380	•0000	2	2	
NODE	506	1.32347	1.6150	•0000			
NODE		1.32291	1.7920		<u>2</u>	2	
	63			•0000			
NODE	507	1.32191	1.9690	•0000	2	2	
NODE	64	1.32130	2.1460	• 0000	2	2	
NODE	508	1.32056	2.3230	•0000	2	2	
NODE	65	1.32C17	2.5000	•0000	2	2	2
NODE	66	1.33594	•0000	•0000	2	2	2
NODE	67	1.33605	-5485	-0000	<u>2</u>	2 2	
NODE	6.6	1.33614	1.0968	•0000	2	2	
NODE	69	1.34863	•0000	•0000	ž		2
NODE	70	1.34864	•2775	•0000	2	2	_
NODE	71	1.34866	•5 550		2	2	
_				•0000			
NODE	12	1.34870	.8 722	•0000	12	2	
NODE	73	1.34865	1.1095	• 9000			
NODE	74	1.37360	•0000	• 0000	2		2
NODE	75	1.37360	•5680	•0000	2	2	
NODE	76	1.37361	1.1350	•0000	2	2	
NODE	77	1.37366	1.8180	•0000	2	2	
NODE	78	1.37366	2.5000	•0000	2		2
NODE		1.47341	•0.000		· - 2	ž	2 Ž
	79			•0000	2		4
NODE	80	1.47343	•568D	• 0000	2 2	2	
VCCF	81	1.47247	1.1250	• C O O C	2	2	
VCDE	e 2	1.47251	1.8180	• 0000	2	2	
NODE	83	1.47354	2 • 5 000	•0000	2		2
NODE	84	1.57368	•0000	•0000	2 2	2	2
NCCE	85	1.57366	.5 £80	• C 0 0 C	2	ž	
NODE	86	1.57360	1.1350	• CCCC	2	2	
NODE	87	1.57352	1.8180	• 0000	2	2	
NODE	88	1.57349	2.5(00	•0000	2		2
	0.0		143600	•0000	•	-	-

EXTRAPOLATED CYCLE 110

				.,
NODE		.14457043-C3	V	• 00000000
NODE	101	5C48851D-C4	.00000000	•00000000
NODE	2	26844 87 6-03	•00000000	00000000
NODE	102	45065032-C3	.00000000	•0000000
NODE	3	61632751-C3	.00000000	.00000000
NODE	103	63383265-C3	•00000000	.00000000
NODE	4	64109516-C3	.00000000	.00000000
NODE	104	68416633-C3	.00000000	•00000000
NODE	5	69800823-C3	•00000000	.0000000
NODE	105	71300438-03	•00000000	0000000
NODE	6	71300438-U3 72215870-03	- -	•00000000
NODE	106	71901327-63	•00000000	•00000000
NCCE	7	7684275-63	00000000	.00000000
NCDE	107	67380688-03	•00000000	•00000000
NODE		64364448-03	- · · ·	•00000000
NODE	8 108	6C16 6 541-C3	•00000000	•0000000
NCCE	9	57130808-C3	•0000000	•00000000
NODE	10	16#9#647~C3	•00000000	00000000
NODE	11	46605681-03	.00000000	•00000000
NODE	12	66930917-C3	.00000000	•00000000
NODE	13	70536131-03	.00000000	•0000000
NODE	14	57063502-C3	•00000000	.00000000
NODE	15	33311982-[3	•00000000	•00000000
NODE	16	40912320-03	•00000000	•0000000
NODE	17	+.40978286-03	•00000000	•0000000
NODE	18	49599569-C3	•00000000	•00000000
NODE	19	60192368-03	•00000000	•00000000
NODE	20	66577771-03	•0000000	00000000
NODE	21	69561473-C3	.00000000	•00000000
NODE	22	~.65487000-03	.000000000	.00000000
NODE	2.3	59324381-03	.00000000	.00000000
NODE	24	41965803-03	.00000000	.0000000
NODE	25	42071537-03	•00000000	.00000000
NODE	26	53459033-73	• 00000000	•00000000
NODE	27	68386516-C3	•00000000	.00000000
NODE	4.8	63759711-03	• 0000000	•00000000
NODE	29	4889#289-C3	•00000000	•00000000
NCDE	30	44812635-C3	• 00000000	•0000000
NODE	31	41142508-C3	• 00000000	•0000000
NODE	32	45462075-03	•00000000	• 3505555
NODE	33	50573738-C3	• 00000000	•0000000
NODE	34	58603595-C3	•00000000	•00000000
NODE	35	66756830-03	•00000000	•0000000
NODE	36	67854917-03	•00000000	•00000000
NODE	37	67988783-C3	• 0000000	•00000000
NODE	38	52132329-03	• conodoco	.00000000
NODE	39	40190230-03	•00000000	•00000000
NODE NODE	40	46504648-03	•00000000	•00000000
NCDF	41	~.65523136~03	•00000000	•00000000
NODE	42 43	72662532-C3	•00000000	•00000000
NODE	44	51365199-C3 46662026-C3	.00000000	• ᲐᲛᲔᲛᲛᲔᲔᲛ • ᲐᲛᲔᲛᲔᲛᲔᲛ
NODE	45	42114593-C3	00000000 •	
	٦,	+45714332C3	•00000000	•บถอกอกบด

NODŁ	46	40832779-03	.00000000	•00000000
NODE	47	44370815-03	•00000000	.00000000
NODE	4.8	57456829-03	•00000000	.00000000
NCCE	49	65135583-03	2222222	•0000000
NCDE	50	6EC32613-C3	.00000000	.00000000
				.00000000
NODE	51	77417993-03	•00000000	•00000000
NODE	52	46106507-C3	•00000000	
NCCE	53	43990614-[3	•00000000	.00000000
NODE	54	4C255766-C3	•0000000	•00000000
NODE	55	61524165-03	• 00000000	•00000000
NODE	56	85297110-C3	•00000000	•00000000
NODE	57	45603979-63	•00000000	•0000000
NODE	58	44497 877 -C3	•00000000	•00000000
NODE	59	43640437-03	•00000000	•00000000
NODE	60	42359409-C3	•00000000	•00000000
NODE	61	40015177-03	.00000000	.00000000
NODE	505	45784441-C3	•00000000	•00000000
NODE	62	50420186-C3	.00000000	.00000000
NODE	506	5274688U-C3	•00000000	.00000000
NODE	63	53471822-C3	•0000000	•00000000
NODE	507	628U#394-C3	• 00000000	.00000000
NODE	64	73649111-C3	•00000000	•00000000
NODE	508	86992234-C3	•00000000	•00000000
NODE	65	10052845-02	• 00000000	.0000000
NODE	66	39823510-03	•00000000	•00000000
NODE	67	39114832-03	•00000000	.00000000
NODE	68	4 03 9 6 7 6 9 - 0 3	•00000000	.00000000
NODE	69	36747725-C3	•00000000	.00000000
NODE	70	37029665-03	•00000000	.00000000
NODE	71	36371499-03	•00000000	•00000000
NODE	72	36459946-C3	•00000000	.00000000
NODE	73	37883379-03		.00000000
	-		•00000000	
NODE	74	37141732-C3	•00000000	00000000
NODE	75	37088559-03	•00000000	.00000000
NODE	76	36860956-C3	•00000000	.00000000
NODE	77	36353187-03	•00000000	.00000000
NODE	78	36209589-C3	•00000000	•0000000
NODE	79	35567989-C3	•00000000	.00000000
NODE	80	35443233-C3	• 60000000	•00000000
NODE	81	35053369-03	•00000000	•00000000
NODE	82	34644798-C3	•00000000	•0000000
NODE	83	34461293-[3	•00000000	.00000000
NODE	84	3[183635-[3	• 00000000	•0000000
NODE	85	30338205-03	• 00000000	•0000000
NODE	86	30813523-03	• 00000000	•00000000
NODE	87	31494925-C3	• 600000000	•0000000
NODE	8.8	31816569-C3	•00000000	•00000000

EXTRAPOLATED CYCLE 110

			R	THETA	7			
NODE	1		1.29225	•0000	.0000	2	2	2
NODE	101		1.29157	.1355	•0000	2	2 ;	
NODE	2		1.29060	.2710	•0000	2	2	
NODE	102		1.28967	.4C65	.0000	Ž		
NODE	3		1.28857	•5420	•0000	2	2 2	
NODE	103		1.28798	.6775	.0000	2	Ž	
NODE	4		1.28755	•8130	•0000	2	2	
NODE	104		1.28705	.9485	•0000	2	2	
NODE	5		1.28665	1.0840	.0000	2	2	
NODE	105		1.28626	1.2610	.0000	2	2	
NODE	6		1.28609	1.4380	.0000	2	2	
NODE	106		1.28595	1.6150	•000C	2	Ž	
NODE	7		1.28604	1.7520	.0000	2	2	
NODE	107		1.28627	1.9690	•0000	2	2	
NODE	8	and the second of the second	1.28640	2.1460	.0000	2	2	
NODE	108		1.28658	2 - 3 2 3 0	•0000	2	2	
NODE	9		1.28667	2.5000	•0000	2	2	2
NODE	10		1.29537	•0000	.0000	Ż	2	2
NODE	11		1.29299	•5420	.0000	2	2	
NODE	12		1.29108	1.0840	.0000	2	2	
NOBL	13		1.29037	1.7920	.0000	2	. <u>2</u>	
NODE	14		1.29107	2.5000	.0000	2	2	2
NODE	15		1.29868	.000	•0000	2	2	2
NODE	16		1.29813	.2710	.0000	Ż	2	
NODE	17		1.29729	•5420	•0000	2	2	
NODE	18		1.29639	.8130	.0000	Ž	2	
NODE	19		1.29559	1.0740	• 0000	2	2	
NODE	20		1.29499	1.4380	•0000	2	2	
NODE	21		1.29479	1.7920	•000C	2	2	
NODE	22		1.29508	2.1460	• 0000	2	2	
NODE	23		1.29536	2.5C00	•0000	2	2	2
NODE	24		1.30231	•0000	• 0000	Ż	2	Ź
NODE	25		1.30175	•5420	•0000	2	2	
NODE	26		1.30039	1.0840	•0000	2	Ž	
NODE	27		1.29948	1.7920	• 0000	2	2	
NODE	28		1.29979	2 • 5 COO	•0000	2	2	2
NODE	29		1.30594	•0000	• 0000	2	2	2
NODE	30		1.30616	•2710	•0000	2	2	
NODE	31		1.30626	•5420	•0000	2	2	
NODE	32		1.30577	.8130	•0000	Ž	Ž	
NODL	33		1.30521	1.0840	•0000	2	2	
VCEF	34		1.30454	1.4380	• C U O C	2	2	
NCDE	3.5		1.30414	1.7520	•նննն	2	2	
NODE	36		1.30411	2.1460	• 0000	2	2	
NODE	37		1.30413	2.5000	•0000	?	2	2
NODE	3 P		1.30969	•0000	• 0000	Ż	Ź	Ž
NODE	39		1.31055	-5420	• 0000	2	2	
NODE	411		1.30989	1.0840	• 0000	2	2	
NODE	41		1.30869	1.7520	•0000	2	2	_
NODE Node	42 43		1.30 # 18	2.5000	• 0000	2	2	2
NODE	43		1.31387	.0000	• 0000	2	2	2
NODE	45		1.31422	.2710	•0000	Ž	2	
HODE	45		1.31463	•5420	• C D O C	2	2	

						_	_	
NODE	46		1.31481	.8130	•0000	2 2	<u>2</u>	
NODE	47		1.31457	1.0840	• 0000			
NODE	4.8		1.31400	1.4380	•0000	2	2 2	
NODE	49		1.31336	1.7920	• 0000	2		
NODE	50		1.31260	2.1460	• 0000	2	2	_
NCCE	51		1.31194	2.5000	• 0000	2	2;	2
NCDE	52		1.31634	•0 CCO	•0000		2 '	2
NODE	53		1.31878	-5420	• 0000	2	2	
NODE	54		1.31919	1.0840	•0000	2 2	2	
NCDE	55		1.31809	1.7520	•C000		2	_
NODE	56		1.31572	2.5000	.000	2	2	2
NODE	57		1.32284	.0000	•0000	2	2	2
NODE	58		1.32292	.2710	•0000	2	2	
NODE	59		1.32312	•5420	•0000	Ž		
NODE	60		1.32318	.8130	•0000	2	2	
NODE	61		1.32356	1.0840	•0000	2	2	
NODE	505		1.32358	1.2610	•0000	2	2	
NODE	62		1.32333	1.4380	•0000	2	2	
NODE	506	A COMMAND A CAMP MAY A CAMP A MARKET	1.32325	1.6150	•0000		2 2	
NODE	63		1.32271	1.7920	•0000	2		
NODE	507		1.32166	1.9690	•0000	2	2	
NODE	64		1.32100	2.1460	•0000	2	2	
NODE	504		1.32019	2.3230	•0000	2	2	_
NODE	65		1.31972	2.5000	•0000	2	2	2
NODE	66		1.33566	•0000	•0000	2	2	2
NODE	67		1.33579	-5485	•0000		2	
NODE	68		1.33589	1.0968	•0000	2	2	-
NODE	69		1.34837	.0000	•0000	2		2
	70		1.34838	•2775	• C000	2	2	
NODE NODE	71 72		1.34841	•5 550 •8 322	• 0000	2. 2	2	
NODE	73		1.34839	1.1095	•0000	··- <u>·</u>	2 2	
NODE	74		1.37335	.0000	•0000			2
NODE	75.		1.37335	.5680	•0000	2	2	2
NODE	76		1.37336	1.1350	•0000	2	2	
NODE	17		1.37341	1.8180	0000	2	Ź	
NODE	78		1.37341	2.5000	•0000 •0000	2	2	2
NODE	79		1.47316	.0000	•0000	2	2	2
NODE	80		1.47319	•5680	•0000	2	2	•
NODE	81		1.47323	1.1250	•0000	Ž	2	
NODE	82		1.47327	1.8180	•0000	2	2	
NODE	83		1.47330	2.5000	• 0000	Ş	2	Ż
NODE	84		1.57346	•0C00	•0000	2	2	2
NODE	85		1.57345	.5 680	•0000	· 2	Ž	•
NODE	86		1.57338	1.1350	•0000	2	2	
NODE	87		1.57330	1.8180	•0000	2	2	
NODE	88		1.57326	2.5000	•0000	2	2	2
W.D.	00		********		• • • • • • •	4	4	4

		U	V	u
NODE	1	.2977326		• 00000000
NODE	101	1171527	7-C3 •00000000	•,00000000
NODE	2	5683873	9-C3 •C000000	.0000000
NODE	102	9510020	6-03 .0000000	•0000000
NODE	3	1295966	3-02 .00000000	•00000000
NODE	103	1325733	8-02 •0000000	• 00000000
NODE	4	1331875	8-02 •00000000	•0000000
NODE	104	1407620	7-C2 •00000000	•00000000
NCCE	5	1424722	3-02 .0000000	.0000000
NCDE	105	1441453	8-C2 .CONOCOCO	.0000000
NODE	6	1444970	5-02 •0000000	.0000000
NODE	106	1425713	2-02 .00000000	•00000000
NCDE	7	1384740	0-02 •00000000	.00000000
NODE	107	1297935	8-02 .00000000	•0000000
NODE	8	~.1222387	0-02 .00000000	•00000000
NODE	108	1126552		•00000000
NCDE	9	1060475		.00000000
NODE	10	3722949	49000	•00000000
NODE	11	9922509		•00000000
NODE	12	1364305		•00000000
NCCE	13	1375118		.0000000
NODE	14	1044790		.00000000
NODE	15	7296179		•00000000
NCCE	16	8653550		.0000000
NODE	17	8812882		• 00000000
NODE	18	1039586		• 00000000
NODE	19	1226847		•00000000
NODE	źń	1320218		.0000000
NODE	21	1346503		•0000000
NODE	22	1227552		.00000000
NODE	23	1C83845		•00000000
NODE	24	9237689		•0000000
NODE	25	9098785	• • • • • • • • •	.00000000
NODE	26	1091068		• 0000000
NODE	27	1310750		.00000000
NODE	28	1169587		•0000000
NODE	29	1082365		• 00000000
NODE	30	9907831		• 00000000
NCDE	31	8983872	•	.0000000
NODE	32	9633153		• 0000000
NODE	3.3	1036432		•00000000
NODE	34	1149408		•0000000
NODE	35	1263484		•00000000
NODE	36	1259446	000000	• 0000000
NODE	37	1251210		.0000000
NODE	3.8	1163904		• 00000000
NODE	39	8897507		,00000000
NODE	40	1002048		•00000000
NODE	41	1227448		•00000000
NODE	42	1342713	00000000	.00000000
NODE	4.3	1160131		.00000000
NODE	44	1054258		กน์ของจาน•
NODE	45	9431615		• 0000000

```
NODE
                            -.89000160-C3
                                              .00000000
                                                               .00000000
       46
                            -.92471141-63
                                              .00000000
                                                               .000000000
NODE
       47
NODE
                            -.11053259-C2
                                              .00000000
                                                               .00000000
NODŁ
        49
                            -.12093236-C2
                                              .00000000
                                                               .00000000
                                              .00000000
NODE
                            -.12411624-C2
                                                               .00000000
       50
NODE
                            -.14330348-C2
                                              .00000000
                                                               •:000000000
NODE
                            -.10997194-02
                                              • 00000000
                                                               .00000000
        52
NODE
       53
                            -.99387387-03
                                              •00000000
                                                               .00000000
NODE
       54
                            -.85145357-C3
                                              .00000000
                                                               .00000000
NODE
       55
                                              .00000000
                                                               •00000000
                            -.11239548-C2
NODE
        56
                            -.15857171-C2
                                              .00000000
                                                               .00000000
NODŁ
        57
                                              .00000000
                                                               .00000000
                            -.10521499-02
                                              •00000000
                                                               .00000000
NODE
        58
                             -.10287674-C2
NCCE
        59
                            -.95446991-63
                                              .00000000
                                                               .00000000
                                                               .00000000
NCDE
        60
                            -.94476#37-C3
                                              .00000000
NODE
                            -.86020801-03
                                              .000000000
                                                               .00000000
       61
NODE
                                              •00000000
       505
                            -. 89975697-03
                                                               .000000000
NCDE
        62
                            -.95234805-C3
                                              ·C00000000
                                                               .000000000
NODE
        506
                             -•95469749-C3
                                                               acoooooo
                                              · cocccco
NODE
       63
                            -.94507134-03
                                              •00000000
                                                               .00000000
NODE
       507
                            -.11183818-02
                                              •00000000
                                                               •000000000
NODE
       64
                            -.13342946-C2
                                                               .00000000
                                              ·C0000000
NODL
       508
                            -.16074677-C2
                                                               .00000000
                                              •00000000
NODE
        65
                            -.18949211-02
                                              .00000000
                                                               .00000000
                             .94498816-C3
NODE
        66
                                              •00000000
                                                               •00000000
NODE
        67
                            -. 92227379-63
                                              •00000000
                                                               .00000000
NODE
        68
                            -.91582409-C3
                                              .000000000
                                                               .00000000
NODE
                            -.88336942-03
                                              .00000000
                                                               •00000000
       69
NODE
                            -.887415D2-C3
        70
                                              .00000000
                                                               .00000000
NODE
                            -.87478757-C3
                                                               .00000000
        71
                                              .00000000
NODE
        72
                            -.87349740-C3
                                              •00000000
                                                               .00000000
NODE
        73
                            -. 99449313-03
                                              .00000000
                                                               .00000000
NODE
        74
                            -.878288D6-C3
                                              .000000000
                                                               .00000000
NODE
        15
                            ~.87801868-03
                                                               noonnoon
                                              •00000000
NODE
        76
                            -.87545626-C3
                                              .000000000
                                                               .00000000
NODE
        77
                            -.86764747-03
                                              naaaaaaaa
                                                               .00000000
NODE
        78
                            -.86547493-C3
                                                               .00000000
                                              .00000000
NODE
        79
                            -.84589550-03
                                              .000000000
                                                               •00000000
NODE
                            -.84365217-C3
                                              .00000000
                                                               .00000000
        80
NODE
        81
                            -.83636743-C3
                                              .00000000
                                                               •00000000
NODE
        82
                            -.82845864-E3
                                              .00000000
                                                               .00000000
                            -.82533056-03
NODE
        8.3
                                              •00000000
                                                               .00000000
                                              •00000000
NODE
        84
                            -.73610118-C3
                                                               .00000000
NODE
       85
                            -.73904544-63
                                                               .000000000
                                              .00000000
NODE
                                              .00000000
                            -.74843195~C3
        86
                                                               .000000000
NODE
       87
                            -.76202367-C3
                                              •000000000
                                                               .00000000
NODE
        8.5
                            -.76829328-C3
                                              .00000000
                                                               .000000000
```

EXTRA	POLATE	D CYCLE 120						
			F	THETA	Ž			
NODE	,		1.29241		• 6000	-	2	2
	1			•0000		2 Ž		2
NODE	101		1.29150	•1355	•0000		Ž;	
NODE	2		1.29030	•2710	•0000	2	<u>2</u>	
NODE	102		1.28917	·4 C65	•0000	2		
NODE	3		1.28789	•5420	•0000	2	2	
NODE	103		1.28728	.6775	•0000	2	Ž	
NODE	4		1.28686	.8130	• 0000	2	2	,
NODE	104		1.28632	• 9 485	•0000	Ź	5	
NODE	5		1.28593	1.0840	•0000	<u>2</u>	2	
NODE	105		1.28553	1.2610	•0000		2	
NCCE	6		1.28537	1.4280	•¢000	7	2	
NGDE	106		1.28524	1.6150	• C00C	Ż	2	
NODE	7		1.28537	1.7920	• 0000	2	2	
NODE	107		1.28564	1.9690	•0000	2	2	
NCDE	8		1.28582	2.1460	•C000	2	2	
NODE	108		1.28605	2.3230	• COCC	2	2	
NODE	9		1.28618	2.5000	•0000	2	2	2
NODE	10		1.29517	•0000	.0000	2	2 2	2 2
NODE	11		1.29247	•5420	.0000	2	2	-
NODE	12		1.29039	1.0840	.0000	2	2	
NODE	13		1.28570	1.7920	.0000			
NODE	14		1.29660	2.5.00	.0000	<u>2</u>	<u>2</u>	2
NODE	15		1.29828	•0000	•0000		2	2
NODE	16		1.29765	.2710	•0000	2 2	2 2	4
NODE	17		1.29682	•5420		2	2	
NODE	18		1.29585	• 8 130	•0000	Ž	ź	
NODE	19		1.29496	1.0840	•0000	2	2	
NODE	20				•0000	<u></u> 2	ž	
			1.29434	1.4380	• 6000			
NODE	21		1.29414	1.7920	•0000	2	2	
NODE	22		1.29450	2 • 1 460	•0000	Ź	2	_
NODE	23		1.29487	2 • 5 000	• 0000	2	2	2
NODE	24		1.30181	• 0 000	• 0000	Ž	Ź	Ż
NODE	25		1.30126	•5420	•0000	2	2	
NCCE	26		1.29983	1 . C F 4 C	• C C C C		2	
NCDE	27		1.29885	1.7520	• 6000	2	2	_
NODE	28		1.29926	2.5000	• 0000	2	2	2
NODE	29		1.30535	•0000	•0000	2	2	2
NCCE	30		1.30562	.2710	•0000	2	2	
NODE	31		1.30577	•5420	• C C C C	<u>2</u> Ž	2	
NODE	32		1.30526	·8130	• 0000		Ž	
NODE	3.3		1.30468	1.0840	•0000	2	2	
NCDE	34		1.30398	1.4380	• 0000	2	2	
NODE	35		1.30355	1.7920	• 0000	2	2	
NODE	36		1.30353	2.1460	•0000	2 2	2	
NODE	37		1.30356	2.5000	•0000	2	2	2
NOOL	3.5		1.30905	•Ö Ü Ö Ö	•0000	Ž	2	Ž
NODE	39		1.31006	•5420	•0000	2	2	
NODE	40		1.30938	1.0840	•0000	2	2	
NODE	41		1.30812	1.7920	•0000	2	2	
NODE	42		1.30757	2.5000	•0000	2	2	2
NODE	43		1.31322	•0.00	• 0000	2	2	2
NODE	44		1.31364	.2710	• 0000	2	2	
NODE	45		1.31411	.5420	•0000	2	2	

NODE	46	1.31433	.8130	•0000	2	2	
NODE	47	1.31409	1.0640	•0000	<u>2</u>	2	
NODE	48	1.31346	1.4380	•0000	2	2	
NODE	49	1.31280	1.7920	•0000	2	2	
NODE	50	1.31204	2.1460	•0000	2	2	
NODE	51	1.31128	2.5000	•0000	2	_	2
NODE	52	1.31772	.0000			2;	2
NODE	53	1.31823	.5420	•0000	2 2		
NODE	54	1.31874		•0000		2	
NODE	- ·		1.0840	•0000	2		
	55	1.31759	1.7920	•0000		2	•
NODE	56	1.31498	2.5000	•0000	2	2	2
NODE	5.7	1.32225	.0000	• 0000	Ž	2	Ż
NODE	_ <u>5</u> _8	1.32233	•2710	•0000	2 2	2	
NODE	59	1.32257	•5420	•0000			
NODE	60	1.32266	.8130	•6000	2	2	
NODE	61	1.32310	1.0840	• COOO	Ž	2	
NODE	505	1.32314	1.2610	•0000	2	2	
NODE	62	1.32288	1.4380	•0000	2	2	
NODE	506	1.32283	1.6150	•0000	2	2	
NODE	63	1.32229	1.7920	• 0000	2	2	
NODE	507	1.32117	1.9690	•0000	2	2	
NCCE	64	1.32041	2.1460	•0000	ä	2	
NCDE	508	1.31945	2.3230	·Cooc	2	2	
NODE	65	1.31884	2.5000	•0000	2	2	Ż
NODE	66	1.33512	.0000	•0000			2
NCCE	67	1.33526	.5485	•0000	2	2 2	
NODE	68	1.33537	1.0568	• 0000	2	2	
NODE	69	1.34786	.0000	• 0000	Ž	Ž	Ž
NODE	70	1.34786	.2775	•0000	5		_
NODE	71	1.34790	• 5 5 5 0	• 0000	Ž	2 Ž	
NODE	12	1.34794	. 8 322	• 0000	2	2	
NODE	73	1.34788	1.1095	•0000	<u>2</u>	2	
NODE	74	1.37284	.0000	•0000	2	2	2
NODE	75	1.37284	.5680	•0000	Ź	Ž	2
NODE	76	1.37285	1.1350		2	2	
NODE	70 77	1.37290	1.8180	•0000	ž	2	
NODE	78	1.37290	2.5000	•0000	2		-
NODE	18 79	1.47267	.0000	•0000	2	2 2	2 2
NODE	· ·			• 0000	2	2	2
	80	1.47270	•5680	0000			
NCCE	81	1.47274	1.1350	•0000	Ź	2	
NCDE	82	1.47279	1.8180	.000	2	2	_
NODE	8.3	1.47281	2.5000	• 0000	2	2	2
NODE	84	1.57302	•0000	•0000	2	2	2
NCDE	8.5	1.57301	•5 €80	•0000	2	Ž	
NODE	86	1.57294	1.1250	• CCCC	2	2	
NODE	87	1.57285	1.8180	• 0000	2	2	
NGDE	88	1.57281	2.5000	•0000	2	2	2

EXIMAPOLATE	D CYCLE 130

		ŧ	٧	W
NODE	1	.45089482-C3	.00000000	• 00000000
NODE	101	18381704-C3	•00000000	•:00000000
NODE	2	86832602-C3	•00000000	•00000000
NODE	102	14513458-C2	•00000000	.00000000
NODE	3	19756051-02	•00000000	•00000000
NODE	103	20176352-02	.00000000	•0000000
NODE	4	20226564-C2	.00000000	•0000000
NODE	104	21310752-02	.00000000	•00000000
NODE	5	21514364-C2	.00000000	•00000000
NODE	105	21699033-C2	.00000000	.0000000
NODE	6	21677824-02	.00000000	•00000000
NODE	106	21324132-C2	•00000000	•0000000
NODE	7	20626372-02	•00000000	•0000000
NODE	107	19220647-C2	•00000000	•0000000
NODE	8	1e011294-C2	•00000000	•00000000
NODE	108	16514398-C2	•00000000	•0000000
NODE	9	15496438-C2	.00000000	•00000000
NODE	10	57560345-C3	.00000000	•00000000
NODE	11	15184451-02	.00000000	•0000000
NODE	12	20593018-02	.00000000	•00000000
NODE	13	20448763-02	.00000000	.00000000
NODE	14	15189449-C2	•00000000	• 00000000
NODE	15	11261161-C2	•00000000	• 0 0 0 0 0 0 0
NODE	16	13615868-C2	•00000000	•0000000
NODE	17	13527935-C2	•00000000	•00000000
NODE	1.8	15831782-02	•0000000	•0000000
NOOL	19	10517709-C2	•00000000	•0000000
NODE	20	19746585-72	•00000000	•0000000
NODE	21	19973925-02	•00000000	•00000000
NODE	27	18002353-E2	•00000000	•0000000
NODE	23	15744480-C2	•00000000	•00000000
NODE	24	14278799-02	•00000000	•00000000
NODE	25	*•13990418-C2	•00000000	•00000000
NODE	26 27	16475456~ĈŽ	•00000000	.0000000
NCCE	28	19376364-C2 17015773-C2	•00000000	•0000000 •6600000
NCDE	2 c 2 c	16757486-02	00000000	•0000000
NODE	30	15334400-02	•00000000 •00000000	•00000000
NODE	31	13853494-C2	•00000000	•00000000
NCCE	32	14720099-02	•0000000	.00000000
NODE	33	15671285-02	• 00000000	•8000000
NODL	34	17127810-C2	•00000000	•00000000
NODE	35	1#594004-C2	•00000000	•00000000
NODE	36	18403430-62	•00000000	•00000000
NODE	37	18225337-C2	• 60000000	.00000000
NODE	38	18064863-C2	•00000000	•00000000
NODE	39	13775993-02	• 00000000	•0000000
NODE	40	15190504-02	•00000000	•00000000
NODE	41	17996653-02	•00000000	•0000000
NODE	42	19588023-02	•00000000	• 00000000
NODE	43	18066101-02	•00000000	• ១០០០០០០
NODE	44	16418966-CZ	•00000000	• 00000000
NODE	45	14651772-C2	•00000000	•0000000

```
.00000000
NODE
                                              .00000000
                             -.13716754-C2
NODE
                            -.14057147-CZ
        47
                                                                .00000000
                                               .00000000
NODE
        48
                            -.16360835-C2
                                              .00000000
                                                               .000000000
NODE
        49
                             -.17672913-C2
                                              .00000000
                                                               .00000000
NODL
        50
                            -.18019986-C2
                                               .00000000
                                                                .00000000
NODE
        51
                             -.2C918896-C2
                                               .000000000
                                                                •:00000000
NODE
        52
                             -.17183737-C2
                                              •00000000
                                                                .00000000
NODE
        5 3
                            -.15478416-C2
                                               .000000000
                                                                .00000000
NODE
        54
                            -.13003495-C2
                                              .00000000
                                                               .00000000
NODE
                             -.16326681-ĈŹ
        55
                                               .000000000
                                                                .00000000
NODE
        56
                            -.23184631-C2
                                               .00000000
                                                                .00000000
NODE
                                              .00000000
        57
                            -.16482599-C2
                                                                •0000000
NODE
                            -.16125561-C2
                                                                .00000000
        58
                                              .00000000
NODE
                             -.15525355-C2
        59
                                               .00000000
                                                                .00000000
NODE
        60
                            -.14659427-C2
                                               .00000000
                                                                .00000000
NODE
        61
                            -.13202643-C2
                                              .00000000
                                                               .00000000
                            -.13416695-C2
NODE
        505
                                              .00000000
                                                               .000000000
NODE
        62
                            -.14004942-C2
                                               .00000000
                                                                .00000000
NODE
        506
                             -.13819262-C2
                                              .00000000
                                                                .000000000
NODE
                             -.13554245-C2
                                              •00000000
        63
                                                                .00000000
NODE
        507
                            -.16086797-C2
                                              •000000000
                                                                .000000000
NODE
        64
                            -.19320982-E2
                                              •00000000
                                                               •00000000
NOUE
        508
                             -.23450131-02
                                              .00000000
                                                               .00000000
NODE
                            -.27845576-C2
        65
                                               .00000000
                                                                .00000000
NODE
                             -.14917413-C2
        66
                                               .000000000
                                                                .00000000
NODE
                             -.14533993-02
        67
                                                                .00000000
                                               .000000000
NODE
        68
                            -.14276805-C2
                                               .000000000
                                                                .00000000
NODE
        69
                            -.13992616-C2
                                              .00000000
                                                               .00000000
NODE
        70
                            -.14045335-C2
                                               .000000000
                                                                .00000000
NODE
        71
                            -.13858601-C2
                                               ·c0000000
                                                               .000000000
NODE
        12
                            -.13823953-C2
                                                                .00000000
                                               .00000000
                            -.14101525-02
NODE
        73
                                               •00000000
                                                                •00000000
NODE
        74
                            -.13851588-02
                                              .00000000
                                                               .00000000
NODE
        75
                            -.13851518-C2
                                               •00000000
                                                                .00000000
NODE
        76
                            -.13823030-C2
                                               .00000000
                                                               .00000000
VCCF
        77
                            -.13717631-C2
                                                                .00000000
                                               .00000000
NODE
                            -.13688540-02
        78
                                               .00000000
                                                                ccooonon
                            -.13361111-02
NODE
        79
                                              • 00000000
                                                                • U00000000
NCDL
                            -.13328720-02
        80
                                              .00000000
                                                                .000000000
NODE
        81
                            --13222012-02
                                               .00000000
                                                                .00000000
NODE
                            -.13104693-C2
        82
                                               · COCCCCCO
                                                                .00000000
NCCE
        8.3
                             -.13C6U482-C2
                                                                .00000000
                                               •00000000
NCDE
        84
                            -.11703660-02
                                               .00000000
                                                                .00000000
NODE
        85
                            -.11747088-02
                                              • 00000000
                                                               •00000000
NCDE
                            -.11887287-C2
                                               •00000000
        86
                                                                .000000000
NODE
        67
                            -.12090981-02
                                               .00000000
                                                                00000000
NODE
                            -.12184209-C2
        88
                                               • E C C C C C C C
                                                               .00000000
```

EXTRA	POLATED	CYCLE	130							
				P	THETÄ	Ž				
NODE	1			1.29256	•0000	.0000	2	2	2	
NODE	101			1.29144	.1355	•0000	2	2;		
NODE	2			1.29000	.2710	•0000	2			
NODE	102			1.28867	• 4 C 6 5	•0000	2	2 2		
NODE	3			1.28721	-5420	•0000	2	2		
NODE	103			1.28659	.6775	•0000	2	2		
NODE	4			1.28617	.8130	•0000	2	2		
NODE	104			1.28560	.9485	• 0000	Ž	2		
NODE	5			1.28520	1.0840	.0000	2	2		
NODE	105			1.28480	1.2610	•0000	2	2		
NODE	6			1.28464	1.4380	•0000	2	2		
NODE	106			1.28454	1.6150	•0000	Ž	2		
NODE	7			1.28469	1.7920	•0000	2	2		
NODE	107			1.28502	1.9690	•0000	Ž	2		
NODE	8			1.28524	2 • 1 460	.0000	2	2		
NODE	108			1.28553	2.3230	•0000	2	2	~ **** *** * * ***	
NODE	9			1.28569	2.5000	•0000	2	2	2	
NODE	ío			1.29496	•0000	.0000	Ž	2	ż	
NODE	11			1.29194	•5420	.0000	2	2		
NODE	12			1.28969	1.0840	•0000	2	2		
NODE	13			1.28904	1.7920	•0000	2	2		
NODE	14			1.29012	2.500	.0000	<u>2</u>	<u>2</u>	2	
NODE	15			1.29788	.0000	•0000	2	2	2	
NODE	16			1.29718	• 2 71 D	•0000	2	ž	-	
NODE	17			1.29635	• 5 4 2 0	• 0000	2	2		
NODE	18			1.29531	8130	• 0000	ž	ž		
NODE	19			1.29434	1.0840	•0000	2	2		
NODE	2Ó	1.0		1.29369	1.4380	•0000	2	· · · · · · · · · · · · · · · · · · ·		
NODE	21			1.29349	1.7520	•0000	2	2		
NODE	22			1.29393	2.1460	•0000	2	5		
NODE	23			1.29438	2.5000	•0000	2	2	2	
NODE	24			1.30130	•0000	•0000	2	2	2	
NODE	25			1.30077	.5420	.0000	2	2	٤.	
NODE	26			1.29927	1.0840	• 0000	ž	Ž	***	
NODE	27			1.29822	1.7520	•0000	2	2		
NODE	28			1.29873	2.5000	•0000	2	5	2	
NODE	29			1.30475	•0000	•0000	2	2	2	
NODE	30			1.30508	.2710	• 6000	2	2	-	
NODE	31			1.30528	• 5 4 2 0	•0000	2	2		
NODE	32			1.30475	.8130	•0000		2		
NODE	33			1.30415	1.0840	•0000	2	2		
NODE	34			1.30342	1.4380	•0000	ž	2		
NCDE	35			1.30295	1.7520	•0000	ž	2		
NCDE	36			1.30295	2.1460	•0000	2	2		
NODE	37			1.30299	2.5000	• 0000	2	2	2	
NODE	38			1.30840.	• 0 000	•0000	2	Ž	Ž	
NCCE	39			1.30957	•5420	• CUOC	2	2	•	
NODE	40			1.30886	1.0840	• 0000	2	2		
NODE	41			1.30755	1.7920	•0000	2	2		
NODE	42			1.30695	2.5000	• 0000	2	2	2	
NODE	43			1.31257	•000	•0000	ž	2	5	
NODE	44			1.31305	.2710	• 0000	2	ž	-	
NODE	45			1.31358	.5420	•0000	2	2		

NODE	46	1.3138	5 .8130	.0000	2	2	
NODE	47	1.3136		•0000	2	- <u>2</u>	According to the account of the
NODE		1.3129				2	
	48			•0000	2	~	
NODE	4 9	1.3122		•0000	2	2	
NODE	50	1.3114	8 2.1460	• 60 0 0	2	2 2	
NODE	51	1.3106	2 2.5000	• C000	2	2 ;	2 2
NODE	52	1.3171	0 .0000	•0000	2	2 `	2
NODE	53	1.3176	7 .5420	•0000	2	2 ' 2	
NODE	54	1.3182		•0000		2	
NODE	55	1.3170		•0000	2	2	
NODE	56	1.3142			2	2	2
				•0000			2 2
NODE	57	1.3216		• 6000	2	2	2
NODE	5.8	1.3217		• 6000	<u> 2</u>	2	
NODE	59	1.3220		•0000			
NODE	60	1.3221	3 .8130	•0000	Ş	2	
NODE	61	1.3226	4 1.0840	•0000	Ź	2	
NODE	505	1.3227	0 1.2610	.0000	2	2	
NODE	62	1.3224		•0000	2	2	
NODE	506	1.3224		•0000			
NODE	63	1.3218			2 2	2	
NODE	50 <i>7</i>			•0000			
-		1.3206		• 0000	2	2	
NODE	64	1.3198		•0000	2	2	
NODE	508	1.3187		•0000	2	2	-
NODE	65	1.3179		•0000	Ž	2	Ž
NODE	66	1.3345		•0000	<u>2</u>	2	2
NODE	67	1.3347	3 .5485	•0000	2	2	
NODE	6.8	1.3348	6 1.0968	•0000	2	2	
NODE	69	1.3473	4 .0000	•0000	2	2	2
NODE	70	1.3473		•0000	2	2	
NODE	71	1.3473	and the second second	• 0000	ž	2	
NODE	12	1.3474		• 0000	2	2	
NODE	73	1.3473		THE RESERVE AND THE PARTY NAMED IN	··· · · · · · · · · · · · · · · · · ·	2	
	• -			•0000			•
NODE	74	1.3723		•0000	2	2	2
NODE	75	1.3723		• ถืน ขน	Ź	2	
NODE	76	1.3723		•0000	2	2	
NODE	77	1.3724		•0000	2	2	
NCCE	7.8	1.3724	C 2.5(CB	•0000	2	2	2
NCDE	75	1.4721	0000	.000	2	2	2
NODE	80	1.4722		• 0000	2	2	
NODE	81	1.4722		•0000	Ž	2	
NCDE	82	1.4723		•6000	2	S	
NODE	83	1.4723			2	2	Ź
NODE		1.5725		1303.	2		2
	84			• 0000		2	
NODE	85	1.5725		•0000	2	2	
NODE	86	1.5725		•0000	2	2	
NODE	87	1.5724		• 0000	2	Ż	
NODE	88	1.5723	6 2.5000	• 0000	2	2	?

EXTRAPOLATED CYCLE 140

		U	v	u
NODE	1	•6C405702~C3	•00000000	• ถตอดอดดด
NODE	101	25048129-03	•00000000	00000000
NODE	2	11682647-02	•00000000	•00000000
NODE	102	19516895-C2	.00000000	. 3000000
NODE	3	26552440-C2	•00000000	•00000000
NODE	103	27095363-C2	.00000000	•00000000
NODE	4	27134370-02	.00000000	.00000000
NODE	104	28545297-02	• 00000000	•00000000
NODE	5	28781504-02	•00000000	•00000000
VCCF	105	2*983527-[2	.0000000	.00000000
NCDL	6	28905942-02	•00000000	•00000000
NODE	106	28391131- 02	• 00000000	•00000000
NODE	7	27405345-C2	•00000000	•00000000
NCCE	107	25461935-C2	• CBOCCOCO	•00000000
NODE	8	23798719-02	• 00000000	•0000000
NODE	108	21763269-02	•00000000	•0000000
NODE	9	20388117-C2	•00000000	.0000000
NODE	10	77891193-03	0000000	.00000000
NODE	11	20446392-02	.00000000	.0000000
NODE	12	27542982-02	•00000000	•00000000
NODE	13	27146338-02	.00000000	.0000000
NODE	14	19930999-C2	.00000000	
NODE	15	15226143-02	•00000000	•00000000
NODE	16	18378186-C2	•00000000	.0000000
NODE	17	18242989-02	•00000000	•00000000
NODE	1.6	21267694-02	• 00000000	•0000000
NODE	19	24766945-C2	•00000000	•00000000
NODE	20	2629D988-C2	•00000000	.00000000
NODE	21	26482814-02	.00000000	.00000000
NODE	22	23729180-E2	•00000000	•00000000
NODE	23	20650501-02	•00000000	•00000000
NODE	24	19319908-C2	•00000000	•00000000
NODE	25	18882050-C2	• 00000000	•00000000
NODE	26	22040232-62	• 00000000	0000000
NODE	27	25645220-C2	.00000000	•0000000
NODE	2.8	22335674-C2	•00000000	.00000000
NODE	29	22691315-C2	•00000000	•0000000
NODE	30	20760968-C2	•00000000	•00000000
NODE	31	18723116-C2	•00000000	•00000000
NODE	32	19807045-02	•00000000	• 8 8 8 8 8 8 8 8
NODE	33	2C97824D-C2	•00000000	• 00000000
NODE	34	22761535~C2	•00000000	•0000000
NODE	35	24553165-C2	•00000000	•0000000
NODE	36	24212399-C2	•00000000	• 00000000
NODE	37	23938565-C2	• cooccooc	•0000000
NODE	38	24490678-02	•00000000	• 00000000
NODE	39	18654477-62	• 60000000	•0000000
NODE	40	2(360524-(2	• 00000000	•0000000
NCDE	41	23718823-[2	• 00000000	•00000000
NODE	42	25748909-02	• 00000000	•0000000
NODE	43	24530892-02	•0000000	.0000000
NODE	44	2 2 2 9 5 3 4 7 - 6 2	00000000	• ᲔᲘᲛᲘᲡᲘᲔᲘ
NODE	45	19871928-02	•00000000	•00000000

NODL	46	18533492	- 02 .00000000	.00000000
NODE	47	18867179	- (2 • 00000000	•0000000
NODE	4.8	2166841;	1-02 •00000000	.0000000
NODE	49	2325259	1-C2 •00000000	•0000000
NODE	50	23628348		•0000000
NODE	51	2750744		•0000000
NODE	52	23370280		•0000000
NODE	5.3	2101809		•0000000
NODE	54	17492450	- -	•00000000
NODE	55	2141381	· · · · · · · · · · · · · · · · · ·	•0000000
NCDE	56	30512091	-	• 90000000
NODE	57	22443699		•0000000
NODE	58	21963448		•00000000
NODE	59	21106009		•00000000
NCCE	60	19871170		•0000000
NCUL	61	1780320		•0000000
NODE	505	17835 8 21		•00000000
	62			
NODE NCDE	506	1848640		•00000000
NODE	63	18091549	and the second of the second o	•00000000
NODE	507	17657776 20989779		•0000000
NODE	64	2529901		• 00000000
NCDE	50 a			•0000000
NODE	65	30825580		•0000000
NODE	66	3674194		•00000000
NODE		20384943 19845248		•00000000
NODE	67 68	+.1939536°	0000	•00000000
NODE		19151536		00000000
NODL	69 70	19216518		•00000000
NODE	71	18969321		•00000000
NODE	72	1891293		
NODE	73	1925811		•00000000
				•0000000
NODE NODE	74 75	18920295		•00000000
		18922848	0000	•0000000
NODE	76	18891491		• 00000000
NODE	77	1875878		• 00000000
NODE	78	1872233		.00000000
NODE	79	1826326		.0000000
NODE	80	18220919		•00000000
NODE	81	18080349	0000	•0000000
NODE	82	17924799		•0000000
NODE	83	17867659		•00000000
NODE	84	1604630t		•0000000
NODE	85	~.16103723		• 0000000
NODE	86	1629025		•00000000
NODE	87	16561729	000000	• 00000000
NODE	8.8	166A548	-02 .00000000	• 0 0 0 0 0 0 0

EXTRAPOLATED CYCLE 140								
			Þ	THEŤÁ	ž			
NODE	1		1.29271	.0000	.0000	2	2	2
NODE	101		1.29137	.1355	.0000	2	Ž;	
NODE	2		1.28970	.2710	•0000	2	2	
NODE	102	* * * * ****** * .a -	1.28817	•4C65	•0000	2	2	
NODE	3		1.28653	.5420	•0000	2	2	
NODE	103		1.28590	.6775	.0000	Ž	Ž	
NODE	4		1.28548	.8130	•0000	2	2	
NODE	104		1.28488	.9465	• 0000	2	2	
NCDE	5		1.28447	1.0840	.000	2	2	
NODE	105		1.28407	1.2610	•0000	2	Ž	
NODE	6		1.28392	1.4380	•0000	2	2	
NCCE	106		1.28383	1.6150	• 0000	Ž	2	
NODE	7		1.28401	1.7920	.0000	2	2	
NODE	107		1.28439	1.9690	• 0000	Ż	2	
NCDE	8		1.28466	2.1460	•0000	2	2	
NODE	108		1.28500	2.3230	• C000			
NODE	9		1.28520	2.5C00	•0000	2	2	2
NODE	10		1.29476	.0000	.0000	Ž	2	2
NODE	11		1.29142	•5420	.0000	2	2	
NODE	12		1.28900	1.0840	.0000	2	2	
NODE	1 3		1.28837	1.7920	.0000	2	2	
NODE	14		1.28965	2.5000	.0000	2	2	2
NODE	15		1.29749	• 0 000	• 0000	2	2	2
NODE	16		1.29670	.2710	•0000	2	Ž	
VCCF	17		1.29588	-5420	• 0000	2	2	
NODE	18		1.29476	-8130	.000	Ž	Ž	
NODE	19		1.29371	1.0840	•0000	2	2	
NODE	20		1.29303	1.4380	•0000	2	2	
N C D E N O D E	21 22		1.29284	1.7520	•0000	2	2	
NODE	23		1.29336	2 • 1 460	3333	2	2	2
NODE	24		1.29388	2.5000 .0000	.0000	2	2	2
NODE	25		1.30028	•5420	•0000	2	2	2
NODE	26		1.29872	1.0840	.0000 0000	· • • · ·	Ž	
NODE	27		1.29760	1.7920	•0000	2	2	
NODE	28		1.29820	2.5000	• 0000	2	2	2
NODE	29		1.30416	•0000	• 0000	2	2	2
NODE	30		1.30453	2710	•0000	2	2	-
NODE	31		1.30480	.5 420	•0000	2	2	
NODE	32		1.30424	.8130	•0000	2	2	
NODE	33		1.30362	1.0840	•0000	2	2	
NODE	34		1.30285	1.4380	•0000	2	2	
NODE	35		1.30235	1.7920	•0000	2	2	
NODE	36		1.30237	2.1460	•0000	2	2	
NODE	37		1.30242	2.5000	•0000	2	2	2
NODE	3.8		1.30776	•0000	ີ • ຄຶດກໍຄື	Ž	Ž	Ž
NODE	39		1.30908	.5420	•0000	2	2	
NODE	40		1.30834	1.0840	• 0000	2	2	
NODE	41		1.30698	1.7920	• 0000	2	2	
NODE	42		1.30634	2.5000	•0000	2	2	2
NODE	43		1.31193	•0000	•0000	2	2	2
NODE	44		1.31246	.2710	• ១០៦៦	2	2	
NODE	45		1.31306	•5420	•0000	2	2	

NODE	4.4	1.31337	.8130	.0000	,	2	
NODE	46	 1.31312	1.0840	•0000	<u> 2</u>	2	
NODE	48	1.31240	1.4380	•0000	. 2	2	
NODE	48	1.31168	1.7920	7	2	2	
	-		2.1460	.0000		2	
NODE	50	1.31092	2.5000	•0000	2	~	ä
NODE	51	1.30996		.0000		2;	2 2
NODE	52	 1.31648	•0.00	•0000	2	2	
NODE	53	1.31712	•5420	•0000			
NODE	54	1.31784	1.0840	•0000	2	2	
NODE	5.5	1.31657	1.7920	•0000		2	_
NODE	56	1.31352	2.5000	•0000	2	2	2
NODE	57	1.32106	•0000	.0000	2	Z	2
NODE	58	 1.32116	•2710	•0000	2	2	
NODE	59	1.32145	-5420	•0000	2		
NODE	6 B	1.32161	-8130	• 0000	2	2	
NODE	61	1.32218	1.0840	• 0000	2	2	
NODE	505	1.32226	1.2610	•0000	2 2	2	
NODE	62	1.32198	1.4380	•0000	2	Ž	
VCCF	506	 1.32197	1.6150	• 5000	22	2	
NODE	63	1.32147	1.7520	•0000	2		
NODE	507	1.32019	1.9690	• 0000	2 2	2	
NODE	64	1.31921	2 • 1 460	•0000	2	2	
NCCE	508	1.31798	2.3230	• 0000	2	2	<u> -</u>
NODE	6.5	1.31706	2.5000	• C O C C	2	2	2
NODE	66	1.33402	•0.000	•0000	2	2	2
NODE	67	1.33420	.5485	•0000	2	Ž	
NODE	6.8	1.33435	1.0968	• 0000	2	2	_
NODE	69	1.34682	•0000	• 0000	Ž	2	2
NODE	70	1.34683	.2775	• 0000	2	2	
NODE	71	1.34687	•5550	•000C	2	2	
NCDE	72	 1.34692	.8 122	•0000	2	. 2	
NODE	73	1.34684	1.1095	• 0000	2	2	_
NODE	74	1.37183	•0000	•0000	2	2	2
NODE	75	1.37183	•5680	•0000	2	2	
NODE	76	1.37184	1.1350	•0000	2	2	
NODE	77	1.37189	1.8180	•0000	2	2	_
NODE	7.8	1.37190	2.5000	• 0000	2	2	2
NODE	79	1.47169	•0000	•0000	2	2	2
NODE	80	1.47172	•5680	• 6000	2	2	
NODE	8 1	1.47177	1.1350	•0000	2	2	
NODE	82	1.47183	1.8180	• 0000	2	2	_
NODE	83	1.47185	2.5000	•0000	2	2	2
NODE	84	1.57216	•0000	• cuao	2	2	2
NODE	85	1.57214	.5680	•0000	Ž	Ž	
NODE	86	1.57206	1.1350	•0000	2	2	
NODE	87	1.57195	1.8180	•0000	2	2	_
NODE	8.8	1.57191	2.5000	•0000	2	2	2

EXTRAPOLATED CYCLE 150

		U	٧	W
NODE	1	•75721924-C	3 .00000000	•00000000
NODE	101	31714556-C	3 .00000000	•00000000
NODE	2	14682033-C	2 .00000000	• 00000000
NCDE	102	24520333-C	2 .0000000	•0000000
NODE	3	33348829-C	00000000	•00000000
NODE	103	34014377-C	2 .00000000	• 00000000
NODE	4	34042175-C	2 .00000000	•00000000
NODE	104	35779842-C	00000000	•0000000
NODE	5	36048646-E	2 .00000000	•00000000
NODE	105	36268D22-C	2 .0000000	•0000000
NODE	6	36134061-C	00000000	•0000000
NODE	106	35458131-€	2 .00000000	• ἀποδοάδο
NODE	7	34184319-C	2 .00000000	•00000000
NODE	107	31703225-0	00000000	•0000000
NODE	. 8	29586144-C	2 •00000000	•00000000
NCCE	108	27012142-0	2 .00000000	• € € 0 € 0 0 0 0
NCDE	9	25279796-0	s •coacccco	•0000000
NODE	10	98222043-0		•0000000
NODE	11	-,25708333~C	2 .00000000	•0000000
NCDE	12	34492946-[5 • 00000000	.0000000
NODE	13	33843914-C		•00000000
NODE	14	24672548-D	2 .00000000	.0000000
NODE	15	19191125-C		•0000000
NODE	16	23140504-C	- - · ·	• 00000000
NODE	17	22958042-C	• • • • • • • • • • • • • • • • • • • •	•0000000
NODE	18	26703606-C		• 40000000
NODE	19	31016183-C		•0000000
NODE	20	32835392-C	•,	•0000000
NODE	21	32991704-C		•0000000
NODE	22	29456007-0	-	•00000000
NODE NODE	23 24	~ • 25556522 ~ 0		•00000000
NCEE	25	24361018-C		•00000000 •00000000
NODE	26	23773682-t 27605009-t	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000000
NODE	27	+.31914077-02		• 00000000
NODE	28	27655575-C		.00000000
NCCE	29	28625143-0		•00000000
NODE	30	26187536-C		• 00000000
NODE	31	23592738-0		•0000000
NODE	32	24893991-0		.00000000
NODE	33	26285195-C	V	•0000000
NODE	34	2839526D-C		•0000000
NODE	35	30512325-0	• • • • • • •	•0000000
NODE	36	3F021368-F		•0000000
NCDL	37	29651795-C		• 00000000
NODE	3 A	30916494-6		กิดขอดออน.
NODE	39	23532963-C		• 0000000
NODE	40	25530544-C	2 •00000000	•onooonoo '
NODE	41	2944U994-C	-	•00000000
NGDE	42	31909794-C		• ១៩៣០០០០០
NODE	43	3C995684-C		• ១៤០០០០០
NODE	44	20171728-C	.,	•0000000
NODE	45	25092084-E	2 • 00000000	•00000000

NODE	46	23350231-F2	•00000000	.00000000
NODE	47	23677212-C2	•00000000	.00000000
NODE	48	26975988-C2	.00000000	.00000000
NODE	49	28832268-C2	•00000000	• 00000000
NODE	50	29236710-02	•00000000	•00000000
NODE	51	34095993-C2	•00000000	•00000000
NODE	52	29556823-C2	•00000000	•00000000
NODE	53	26557770-C2	•00000000	•00000000
NODE	54	21981414-C2	• 00000000	•00000000
NODE	55	26500945~C2	•00000000	•00000000
NODE	56	37839550-C2	•00000000	•00000000
NODE	57	28404801-C2	•00000000	•00000000
NODE	58	27801335-C2	•00000000	•00000000
NODE	59	26686665-02	•C0000000	•00000000
NODE	60	25082913-C2	• 00000000	.00000000
NODE	61	22403768-E2	•00000000	•00000000
NODE	505	22254947-02	.00000000	•00000000
NODE	62	22967867-C2	•00000000	•00000000
NODE	506	22363836-C2	•00000000	•00000000
NODE	63	217613D8-C2	C00000000	•00000000
NODE	507	25892754-02	• 00000000	•00000000
NODE	64	31277052-C2	•00000000	•00000000
NODE	508	38201038-02	• 00 0 0 0 0 0 0	•00000000
NODE	65	45638308-02	•00000000	•00000000
NODE	66	25852474-C2	•00000000	•00000000
NODE	67	25156502-C2	•00000000	•00000000
NCCE	68	24513934-02	·caaccaa	•0000000
NODE	65	24310459-02	•0000000	.00000000
NODE	70	24387703-02	• 00000000	•00000000
NODE	71	24090053-02	•00000000	.00000000
NCDE	12	24001912-02	•0000000	•00000000
NODE	73	24414712-02	• [0 [0 [0 [0 [0 [0 [0 [0 [0 [00000000
NODE NODE	74 75	23989003-C2 23994179-C2	•00000000	•00000000 •00000000
NODE		23959964-C2	•00000000	
NODE	76 77	23799943-02	•000000000	,00000000 ,00000000
NODE	78	23756122-C2	• 00000000 • 00000000	•00000000
NODE	79	23165423-C2	• 0000000	00000000
NODE	80	~.23113118-C2	•00000000	•0000000
NODE	81	22938686-C2	•00000000	•00000000
NODE	82	227449D6-E2	•00000000	.00000000
NODE	83	22674836-C2	•00000000	•00000000
NODE	84	20388957-C2	• 00000000	•00000000
NODE	85	20460356-02	•00000000	• 00000000
NCCE	86	20693221-02	•00000000	•00000000
NODE	87	21032469-02	• 00000000	•00000000
NODE	88	21186761-02	• 00000000	•00000000
	-			

EXTRAPOLATED CYCLE 150

			R	THETA	Ż			
NODE	1		1.29287	.0000	.0000	2	2	2
NODE	101		1.29130	.1355	•0000	Ž	2	
NODE	2		1.28940	.2710	•0000	2	2	
NODE	102		1.28767	.4 C65	•0000	₹	2	
NODE	3		1.28586	.5420	.0000	2	2	
NODE	103		1.28521	.6775	• 6000	Ź	Ż	
NODE	4		1.28479	.8130	•0000	2	2	
NODE	104		1.28415	9485	.0000	Ž	Ž	
NODE	5		1.28375	1.0840	.0000	2	Ž	
NODE	105		1.28334	1.2610	.0000	<u>2</u>	2	
NODE	6		1.28320	1.4380	•0000	2	2	
NODE	106		1.28312	1.6150	.0000	Ž	Ž	
NODE	7		1.28333	1.7920	•0000	2	2	
NODE	107		1.28377	1.9690	.0000	2	ž	
NODE	8		1.28408	2.1460	.0000	2	2	
NODE	108		1.28448	2.3230	•0000	2	2	
NOCE	ç		1.28471	2.5000	•0000	2	2	2
VCEF	10		1.29456	0000	.0000	ž	ž	2
NODE	11		1.29[89	.5420	.000	2	2	-
NODE	12		1.28830	1.0840	.0000	2	2	
NCDL	13		1.28770	1.7520	.0000	2	2	
NODE	14		1.28917	2.5000	.0000	2	2	···· <u>2</u>
NODE	15		1.29709	.0000	•0000	2	2	2
NODE	16		1.29623	.2710	•0000	2	2	•
NODE	17		1.29540	.5420	•0000	2	2	
NODE	18		1.29422	8130	•0000	Ž	ž	
NODE	19		1.29309	1.0840		2	2	
NODE	20		1.29238	1.4380	•0000		2	
NODE	21		1.29219	1.7920	•6000	5	2	
NODE	22		1.29278	2.1460	•0000	ž	2	
NODE	23		1.29339	2.5000	•0000	2	2	2
NODE	24		1.30029	.0000	•0000	2	Ź	2
NODE	25		1.29979	•5420	•0000	2	2	e.
NODE	26	•	1.29816	1.0840	•600C	ž	2	
NODE	27		1.29697	1.7920	• 6000	2	2	
NODE	28		1.29766	2.5000	•0000	Ž	2	Ż
NODE	29		1.30357	.0000	•0000	2	2	2
NODE	30		1.30399	.2710	•0000	5	2	č
NODE	31		1.30431	•5420	•0000	2	5	
NODE	32		1.30173	.8 130 °	-0000	2	Ž	
NODE	33		1.30309	1.0840	•0000	5	2	
NODE	34		1.30229	1.4380	.0000	2	2	
NODE	3.5		1.30176	1.7920	•0000	2	2	
NODE	36		1.30179	2.1460	•0000	2	2	
NODE	37		1.30184	2.5000	•0000	2	2	2
NOUL	38		1.30712	•0000	•0000	Ž	ž	2
NODE	39		1.30860	•5420	•0000	2	2	4.
NOUL	40		1.30783	1.0840	•0000	2	2	
NODE	41		1.30641	1.7920	•0000	2	2	
NODE	42		1.30572	2.5000	• 0000	2	2	2
NODE	43		1.31128	.0000	•0000	2	2	2 2
NCDE	44		1.31187	.2710	•0000	2	2	•
NCLE	45		1.31254	.5420	•0000	ž	2	
					- (0), (•.	•	

NADE	4				0000	2	_	
NODE	46 47		1.31288	.8130	•0000	2 2	2	
NODE	48		1.31264	1.0840	•0000	2	2	
NODE	-		1.31187	1.4380	0000	2	2	
NODE	4 ç 50			2.1460	3000	2	2	
NODE	51		1.31036		• 0000	2	_	•
NODE	51 52		1.30930	2.5C00 .0C00	•0000	2		2
	53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.31586	-5420	•0000	2	2	2
NODE Node	54		1.31656		0000	2		•
NODE	55			1.0840	•0000	2	2	
NODE	56		1.31606	1.7920	•0000		2	2
			1.31279	2.5000	•0000	2 2	2	2
NODE	57		1.32046	•0000	•0000			2
NODE	58		1.32058	.2710	•0000	2	2	
NODE	59		1.32089	•5420	•0000	2		
NODE Node	60 61		1.32109	.8130 1.0840	•0000	2	2	
					•0000		2	
NODE NODE	505 62		1.32181	1.2610	•0000	2	2	
NODE	506			1.6150	•0000			
NODE	63		1.32154	1.7920	•0000	2 2	2	
NODE	507		1.32106	1.9690	.0000	2	2	
NODE	64		1.31770	2.1460	•0000 •0000	2	2	
NODE	508		1.31724	2.3230	•0000	2	2	
NODE	65		1.31617	2.5000	•0000	2	2	2 .
NODE	66		1.33347	•0000	•0000	2	2	2
NODE	67		1.33366	.5485	•6000	2	2	
NODE	68		1.33384	1.0968	•0000	2	2	
NODE	69		1.34631	•0000	•0000	Ž	2	Ż
NODE	70		1.34631	.2775	•0000	5	2	•
NODE	71		1.34636	•5 550	•0000	2	2	
NODE	72		1.34641	-8322	•0000	2	2	
NODE	73		1.34633	1.1095	•0000	· <u>5</u> ·	2	
NODE	74		1.37132	•0000	•0000	2	2	2
NODE	75		1.37132	• 5 6 8 D	•0000	ž	Ž	-
VCCF	76		1.37133	1.1350	•0000	ž	2	
NODE	17		1.37139	1.8180	• 0000	ž	2	
NODE	78		1.37139	2.5000	•0000	2	2	2
NODE	79		1.47120	0000	•0000	2	Ž	. 2
NCDE	80		1.47123	.5680	• 6000	2	2	_
NODE	81		1.47129	1.1750	• 0000	Ž	2	
NODE	82		1.47135	1.8180	•0000	2	2	
NODE	83		1.47137	2.5000	•0000	Ž	Ž	2
NODE	84		1.57172	.0000	•0000	2	2	2
NODE	85		1.57170	.5 6 8 0	•0000	<u>2</u>	2	
NODE	86		1.57162	1.1350	•0000	2	2	
NODE	87		1.57151	1.8180	•0000	ž	2	
NODE	8.8		1.57146	2.5000	•0000	2	2	2

aE L	TOTE DATA	/PLOTTER														
ELI	8R1 574010	11/25/80	20:18	:10 (-	201										_	
	1.	00				THRUST	CHAMB	FR								
	2.	00	100		1	3			_							-
	3.	00	QUAC	1	1	1,	2	1	3	17	15	=			Ë	3
	4.	00	CONT	101	2	102	C	11	, 0	0	16	Ö	Ö	İĈ	U	7
	5.	00	QUAD	2	. <u>1</u>	1	2	3 12	5 0	19	17	0	ō	11		3
	6.	00	CONT	103	4	104	0	5	7	21	19	u	U	11	U	3
	7. 8.	00 00	CONT	3 105	1	1 106	Ö	13	Ó	Ö	Žΰ	Ő	Ō.	12	Ō	-
	9.	00	QUAD	4	ì	1	2	7	•	23	21	•	•		•	3
	10.	60	CONT	107	8	İċë	Ċ	14	Ó	0	22	Ō	Ö	13	Ü	
	11.	00	QUAC	5	ĭ	i	ī	15	17	31	29	_				1
	12	00	CONT	16	25	30	24									
	13.	00	GUAD	6	1	1	1	17	19	33	31					1
	14.	00	CONT	18	2 €	32	25									i
	15.	Oυ	QUAC	7	1	1	1	19	21	35	33					1
	16.	CO	CONT	20	27	34	26									
	17.	00	QUAD	8	_1	_1	1	21	23	37	35					11
	18.	00	CONT	22	2 €	36	27									
	19.	00	QUAD	9	1	1	1	29	31	45	43					1
	20.	00	CONT	30	3 9	44	38	71	33	47	45					1
	21.	00 00	QUAD	10	1 4 Č	1 46	1 39	31	33	47	73					•
	22. 23.	00	CONT	32 11	1	1	1	33	35	49	47					1
	24.	00	CONT	34	41	48	40									
	25.	00	DUAD	12	1	i	1	35	37	51	49					1
	26.	00	CONT	36	4 2	5 ë	41			••		•				
	27.	00	QUAD	13	1	1	1	43	45	59	57					1
	28.	0.0	CONT	44	5.3	5.8	Š Ž									
	29.	00	QUAD	14	ì	1	1	45	47	61	59					1
	3ñ.	no	CONT	46	54	6 C	53									_
	31.	no	OUAL	15	1	1	2	47	49	63	61	444		٠. د	_	3
	32.	00	CONT	C	4.6	Ó	C	55	0	506	62	505	0	54	C	3
	33.	00	QUAD	16	1	1	2	4 9 5 6	51 0	65 508	63 64	507	0	55	0	ر د
	34.	00	CONT	0	5 C	1	0	57	u 59	71	69	201	U	3,	U	1
	35. 36.	00	CONT	. <u>17</u> 58	$-\frac{1}{67}$	1 c -	66	'	3,7		%					
	37.	กอ	QUAC	18	1	1	1	59	61	73	71					1
	38.	00	CONT	60	6.8	72	67	٠,	٠.	• • •						
	39.	00	QUAD	19	1	1	1	69	71	75	74					1
	40.	o c	CONT	70	O	0	0		_							
	41.	00	QUAC	20	1	1	1	71	73	76	75					1
	42.	00	CONT	72	Ū	Č	Ċ	-								
	43.	0.0	OUAD	21	2	1	1	74	75	80	79					0
	44.	0 0	QUAD	2.2	2	1	1	75	76	81	81					o C
	45.	00	GRAD	23	2	1	1	76	77	82	81					6
	46.	00	DAUG	24	2	1	1	77	78	83	82 84					n
	47.	00	GUAL	25	2	1	1	79	80 41	85 86	85					n
	42.	60	JAUG	26	Ź	ī 1	i 1	80 81	81 82	86 87	86					Ü
	49.	00	TAUG	27 28	2	1	1	82	83	88	87					Ö
	50•	00 00	DAUQ DAG	4.0	c	•	•	υz	0,5	0.0	٠,					-
	51. 52.	00		CRMED	MOLET	CRID										
	53.	00	NODE	1			1.3		0.	c.		2	2	2		
	54.	กับ	NOCE	101			1.3		0.1355	г.		7	2		***	
	55.	0.0	NOCE	2			1.3		0.271	0.		2	2			

56.	ņα	NODE	102	1.3	0.4065	0•	2	2	
57.	00	NOCE	3	1.3	0.542	ō.	2	2	
58.	00	NODE	103	1.3	0.6775	0.	2	2	
59.	00	NODE	4	1.3	Ö. 813	0.	Ž	Ž	
60.	Oυ	NODE	104	1.3	D.9485	0.	2	2	
61.	00	NODE	5	1.3	1.084	0.	Ž	2	
62.	00	NODE	105	1.3	1.2610	ñ.	2	2	
63.	ติด	NOCE	6	1.3	1.438	Ď.	2	2	
64.	00	NODE	106	1.3	1.6150	0.	2	2	
65.	Og	NODE	7	1.3	1.792	0.	Ź	Ž	
66.	nā	NODE	107	1.3	1.9690	0.	2	2	
£7.	Oυ	NODE	8	1.3	2.146	n.	Ž	2	
68.	00	NODE	108	1.3	2.3230	0.	2	2	
69.	00	NODE	9	i.3	2.5	Ċ.	<u> </u>	2	2
70.	00	NOUE	10	1.30425		0.	2	2	2
71.	מח	NODE	11	1.30425		Ö.	Ž	2	-
72.	00	NODE	12	1.30425		0.	2	2	
73.	00	NODE	13	1.30425		Ö.	Ž	2	
74.	ÕÕ	NODE	14	1.30425		0.	2	2	2
75.	00	NODE	15	1.3085	ō.	ö.	- 2	2	2
76.	00	NODE	16	1.3085	0.271	0.	2	2	<i>c</i> .
17.	00	NODE	17	1.3085	0.542	Ċ.	Ž	Ž	
78.	00	NODE	18	1.3085	0.842				
79.	00	NODE	19	1.3005	1.084	0. Ö.	2 2	2 Ž	
80.	. 00	NODE	20	1.3085			2	2	
81.	ĈO	NODE			1.438	0. 0.			
82.	00	NODE	21	1.3085	1.792				
83.	00	NODE	22 23	1.3085	2.146	0. 0.	2	2	-
84.	00			1.3085			2		2
85.	กอ	NOCE	24	1.313	0.	0.	2	2	· C
86.	00	NODE	25	1.313	0.542	0.	2	2	
87.	00	NODE	26	1.313	1.084	0.	2	2	
		NOLE	27	1.313	1.792	0.	2	2	_
6A. 89.	00	NODE	28	1.313	2.5	ņ.	2	2	2
	ດບ	NOBE	29	1.3175	0.	o.	2		2
90.	00	NOCE	30	1.3175	0.271	0.	2	2	
91. 92.	0 g 0 D:	NODE	31	1.3175	0.542	0.	2	2	
93.	DO.	NODE	32	1.3175	0.313	0.	2	2	
94.		NOCE	33	1.3175	1.084	0.	2	7	
95.	00	NODE	34	1.3175	1.438	0.	2	2	
96 •	00	NOUF	35	1.3175	1.792	n.	2	2	
97.	00 00	NODE	36	1.3175	2.146	0.	2	2	-
98.	00	NODE Node	37 38	1.3175	2.5	0.	2	2	2
99.	00	NOCE	39	1.32188		0.	2	2	2
100.	eo Co	NOLE		1.32188		ř.	7	7	
161.	00		40	1.32188		0.	2	2	
		NOCE	41	1.32188		n.	2	2	_
102.	00	NODE	42	1.32188		0.	2		2
	00	NODE	.43	1.32625		0.	2		2
104.	00	NODE	44	1.32625		r.	2	2	
105.	00	NOUE	45	1.32625		0.	?	2	
166.	00	NOCE	46	1.32625		0.	2	2	
107.	00	NOUF	47	1.32625		D.	2	2	
ica.	00	NOLF	4.8	1.32625		n.	?	2	
109.	กข	NOCE	49	1.32625		r.	2	2	
110.	00	NODE	50	1.32625		n.	2	2 2	_
111.	0.0	NOCE	51	1.32625		υ•	?		7
112.	0.0	MODE	52	1.33062	t' •	n.	2	?	7

113.	00	NODE	53	1.33062 0.542 0. 2 2
114.	00	NODE	54	1.33062 1.084 0. 2 2
115.	00	NODE	55	1.33062 1.792 0. 2 2
116.	กถ	NOCE	56	1.33062 2.5 0. 2 2 2
117.	00	NODE	57	1.335 0. 0. 2 2 2
118.	00	NODE	58	1.335 0.271 0. 2 2
119.	00	NODE	59	1.335 0.542 0. 2 2
120.	no	NODE	60	1.335 0.613 0. 2 2
121.	กบ	NOCE	61	1.335 0.613 0. 1.335 1.084 0. 2 2
122.	_			
123.	00 00	NOLE	505 62	
	00	NODE Node		
124.		NODE	506 63	1.335 1.6150 0. 2 2 1.335 1.792 0. 2 2
125.	00	The second of the contract of		1.335 1.792 0. 2 2
126.	00	NOCE	507	
127.	00 00	NOCE	64	1.335 2.146 0. 2 2 1.335 2.3230 0. 2 2
128.	00	NODE	508	
129.	00	NODE	65	1.335 2.5 0. 2 2 2 1.3475 0. 0. 2 2 2
130.	00	NODE	66	
131.	00	NODE	67	1.3475 0.5485 0. 2 2 1.3475 1.0968 0. 2 2
132.	00	NODE	68	The state of the s
133.	00	NODE	69	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
134.	00 00	NODE Node	70	
			71	1.36 0.555 0. 2 2 1.36 0.8322 0. 2 2
136. 137.	00 00	NODE Node	72 73	
			74	
138.	00	NOCE		1.385 0. 0. 2 2 2
139.	00	NODE	75	1.385 0.658 0. 2 2
140.	00	NODE	76	1.385 1.135 D. 2 2
141.	០០	NODE	77	1.385 1.818 0. 2 2
142.	nu	NOCE	78 79	1.385 2.5 0. 2 2 2
143.	00	NODE		1.485 0. 0. 2 2 2
144.	n o	NODE	80	1.485 0.568 0. 2 2
145.	00	NODE	81	1.485 1.135 0. 2 2
146.	00	NODE	82	1.485 1.818 0. 2 2
147.	00	NOLE	83	1.485 2.5 0. 2 2 2
148.	0 U	NOCF	84	1.585 0. 0. 2 2 2
149.	00	NODE	85	1.585 0.568 0. 2 2
150.	00	NODE	86	1.585 1.135 n
151.	00	NODE	87	1.585 1.618 0. 2 2
152.	00	NODE	88	1.585 2.5 0. 2 2 2

END ELT. ERRORS: NONE. TIME: 1.346 SEC. IMAGE COUNT: 152

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1.			0 20:18:1				050									
3.																
4. 00							_	7	17	16						
5. 00												ń	ñ	iř	Č	
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42. 00 CONT 72 0 0 0 0 43. 00 QUAC 21 2 1 1 74 75 80 79 44. 00 QUAD 22 2 1 1 75 76 81 80 45. 00 QUAD 23 2 1 1 76 77 82 81 46. 00 QUAC 24 2 1 1 77 78 83 82 47. 00 QUAC 25 2 1 1 79 80 85 84 48. 00 QUAC 25 2 1 1 79 80 85 84 48. 00 QUAC 26 2 1 1 80 81 86 85 49. 00 QUAC 27 2 1 1 81 82 87 86 50. 00 QUAC 28 2 1 1 81 82 87 86 50. 00 QUAC 28 2 1 1 81 82 87 86 50. 00 QUAC 28 2 1 1 81 82 87 86 50. 00 QUAC 28 2 1 1 81 82 83 88 87 51. 00 COMPUTED CYCLE 105									-							
43. DO QUAC 21 2 1 1 74 75 80 79 44. DO QUAD 22 2 1 1 75 76 81 80 45. DO QUAD 23 2 1 1 76 77 82 81 46. DO QUAC 24 2 1 1 77 78 83 82 47. DO QUAC 25 2 1 1 79 80 85 84 48. DO QUAC 26 2 1 1 80 81 86 85 49. DO QUAC 27 2 1 1 81 82 87 86 50. DO QUAC 28 2 1 1 81 82 87 86 51. DO COMPLIED CYCLE 105							71	73	76	75						
44. DD QUAD 22 2 1 1 75 76 81 80 45. DD QUAD 23 2 1 1 76 77 82 81 46. DD QUAD 24 2 1 1 77 78 83 82 47. DD QUAE 25 2 1 1 79 80 85 84 48. DD QUAE 26 2 1 1 80 81 86 85 49. DD QUAE 27 2 1 1 81 82 87 86 55 49. DD QUAE 28 2 1 1 81 82 87 86 55 51. DU QUAE 28 2 1 1 82 83 88 87 51. DU COMPLIED CYCLE 105			-				•	7.	• •	70						
45.					-											
46. DD QUAF 24 2 1 1 77 78 83 82 47. DD QUAF 25 2 1 1 79 80 85 84 48. DD QUAF 26 2 1 1 80 81 86 85 49. DD QUAF 27 2 1 1 81 82 87 86 50. DD QUAF 28 2 1 1 82 83 88 87 51. DU ENU COMPLIED CYCLE 105					_											
47. DD QUAE 25 2 1 1 79 80 85 84 48. DD QUAE 26 2 1 1 80 81 86 85 49. DO QUAE 27 2 1 1 81 82 87 86 50. DU QUAE 28 2 1 1 82 83 88 87 51. DU ENU 52. DD COMPLIED CYCLE 105						-										
48.					_	-										
49. 00 GHAT 27 2 1 1 81 82 87 86 50. 00 GHAT 28 2 1 1 82 83 88 87 51. 00 ENU 52. 00 COMPLIED CYCLE 105																
EC. DU CHAF 2R 2 1 1 82 83 88 87 51. DU ENU 52. DU COMPLIED CYCLE 105					=	_										
51. DU ENU 52. DU COMPLIED CYCLE 105																
52. PO COMPLIED CYCLE 105					•	-	V		-	-						
				TEC CYCLE	105											
53. DD NOLE 1 1.29218 .0000 .0000 2 2 2		_				1.2	9218	.0000	.000	ე ი	2	2	2			

56.	QQ	NOLE	102		1.28992	-4065	• ពិធិប្បព្	2 2	2	
57.	ขบ	NODE	3		1.28891	.5420	• 0000		2	
58.	ทบ	NODE	103		1.28832	.6775	.0000	2	2	
59.	no	NOCE	4		1.28789	.8130	• 0000	2	2	
60.	۵٥	NODE	104		1.28741	.9485	•0000	2	2	
61.	no	NODE	5		1.28702	1.0840	• 0000	2	2	
62.	00	NOCE	105		1.28662	1.2610	.0000	2 2	2	
63.	00	NODE	6		1.28645	1.4380	•0000	2	2	
64.	מיז	NOCE	106		1.28630	1.6150	•0000	2	2	
65.	00	NOCE	7		1.28638	1.7920	•0000	2	Ž	
66.	Oυ	NOUE	107		1.28658	1.9690	•0000	2	2	
67.	00	NODE	8		1.28669	2.1460	•0000	2	Ž	
68.	00	NOLE	108		1.28684	2.3230	•0000	2	2	
€0.	00	NODE	9		1.28691	2.5000	•0000	2		2
70.	00	NODE	10		1.29547	•0000	• 0000	Ž.	Š	2
71.	00	NODE	11		1.29326	.5420	•0000	Ž	Ž	
72.	00	NOCE	12		1.29143	1.0840	•0000	2	2	
73.	00	NODE	13		1.29071	1.7920	•0000	Ž	Ë	
74.	00	NODE	14		1.29131	2.5000	•0000	- 2/2	2	<u>2</u>
75.	00	NODE	15		1.29888	•0000	•0000			2
76.	00	NODE	16		1.29837	.2710	• 0000	2	2	
77.	00	NODE	17		1.29753	.5420	•0000	Ž	Ž	
78.	00	NODE	18		1.29667	.8130	•0000	2	2	
79.	no	NODE	19		1.29590	1.0840	•0000	2	Ž	
80.	<u>0</u> 0	NOCE	20		1.29532	1.4380	•0000	2	2	
81.	00	NODE	21		1.29512	1.7920	.0000	2	2	
82.	00	NODE	22		1.29536	2 • 1 4 60	•0000	2	2	
83.	00	NODE	23		1.29560	2.5000	•0000	2	Ž	2
84.	00	NODE	24		1.30256	•0000	•0000	2	2	2
85. 86.	00 0 0	NODE	25 26		1.30199	•5420	•0000	2	2 2	
87.	00	NODE	27		1.30066	1.0840	•0000	<u>2</u>	2	
88.	00	NODE	28		1.29979	7.7920	.0000		2	2
89.	00	NODE	29		1.30006 1.30624	2.5000 .0000	0000	2 2	2	2
90.	00	NODE	30		1.30643	.2710	•0000 •0000	2	2	2
91.	00	NODE	31		1.30650	•2 / 10 •5420	•6000	Ž	ž	
92.	00	NODE	32		1.30602	.8130	•0000	2	2	
93.	ÓÓ	NODE	33		1.30548	1.0847	.0000	2	. <u>2</u>	
94.	00	NODE	34		1.30483	1.4380	•0000	2	2	
95.	00	NODE	35		1.30444	1.7920	•0000	2	2	
96.	no	NODE	36		1.30440	2.1460	•0000	2	2	
97.	no	NODE	37		1.30442	2.5000	•0000	2	2	2
98.	00	NODE	38		1.31001	.0000	•0000	2	ź	ž
99.	00	NODE	39		1.31079	.5420	• 0000	Ž	2	•
100.	0.0	NODE	40		1.31015	1.0840	•0000	2	2	
101.	00	NODE	41		1.38898	1.7920	.0000	2	ž	
112.	00	NOCE	42		1.30849	2.5000	•0000	2	2	2
163.	ο̈́ο	NODE	43		1.31419	.0000	•0000	2	2	2
164.	οō	NOCE	44		1.31452	.2710	•0000	2	2	•
165.	0.0	NÖDÉ	45	***	1. 11489	-5420	•0000	2	2	
166.	00	NOCE	46		1.31505	.8130	•0000	2	2	
167.	00	NODE	47		1.31481	1.0840	.0000	2	2	
16P.	מיז	NODE	49		1.31426	1.4380	• 0000	2	2	
164.	ពប	NODE	49		1.31364	1.7920	• 0000	2	2	
110.	ถบ	NOCE	50		1.31288	2.1460	•0000	2	2	
111.	១ប	NOCE	5 Î		1.31227	2.5000	•0050	2	2	Z
112.	0.0	NOLE	52		1.31865	•0000	• 0000	2	2	2

		1. F. S. Statement and	MATERIAL SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS						
113.	00	NODE	53	1.31906	.5420	.0000	2	2	
114.	ÖÖ	NODE	54	1.31941	1.0840	.0000	2	2	
115.	00	NOCE	55	1.31835	1.7920	.0000	2	2	
116.	00	NODE	56	1.31608	2.5000	•0000	2	2	2
117.	០ប	NODE	57	1.32314	.0000	•0000	2	2	2
118.	no	NOLE	58	1.32321	.2710	•0000	Ž	Ž	_
119.	00	NODE	59	1.32340	.5420	•0000	2	2	
120.	ดีบ	NOCE	60	1.32344	.8130	.0000	2	<u>2</u> .	
121.	00	NOCE	61	1.32379	1.0840	.0000	2	2	
122.	00	NODE	505	1.32380	1.2610	.0000	ż	Ž	
123.	00	NOCE	62	1.32355	1.4380	•0000	2	2	
124.	00	NOCE	506	1.32347	1.6150	•0000	ž	2	
				1.32291		•0000	2	2	
125.	00	NOCE	63		1.7920		<u> </u>		
126.	nσ	NODE	507	1.32191	1.9690	.0000			
127.	00	NODE	64	1.32130	2.1460	•0000	2 2	2	
127.	no	NOCE	508	1.32056	2.3230	•0000		2	_
129.	00	NODE	65	1.32017	2.5000	.0000	2	2	2
130.	ทบ	NODE	66	1.33594	.0000	•0000	Ż	Ž	Ź
131.		NOCE	67	1.33605	.5485	•0000	2	2	
132.	00	NODE	-68	1.33614	1.0968	.0000	2	2	_
133.	00	NODE	69	1.34863	•0000	•0000	2	2	2
134.	OΩ	NODE	70	1.34864	.2775	•0000	2	2	
135.	ពប	NODE	71	1.34866	•5550	•0000	2	2	
136.	00	NODE	72	1.34870	.8322	•0000	Ź	Ž	
137.	ÕÕ	NOCE	73	1.34865	1.1095	•0000	2	2	
136.	σo	NODE	74	1.37360	.0000	.0000	2	7	2
139.	00	NOCE	75	1.37360	•5680	•0000	2	2	
140.	00	NOCE	76	1.37361	1.1350	.0000	2	2	
141.	00	NOCE	77	1.37366	1.8180	•0000	2	2	_
142.	Oρ	NODE	78	1.37366	2.5000	• 0000	Ž	2	2
143.	ũō	NODE	79	1.47341	•0000	•0000	2	. 2	2
144.	ΟÜ	NOCE	80	1.47343	.5680	•0000	2	7	
145.	00	NODE	81	1.47347	1.1350	•0000	2	2	
146.	00	NODE	8 2	1.47351	1.8180	•0000	2	2	_
147.	ΩU	NODE	83	1.47354	2.5000	•0000	2	2	2
148.	חט	NOUE	84	1.57368	•0000	.0000	Ž	2	2
149.	00	NODE	85	1.57366	•568D	•0000	2	2	
150.	ÒO	NODE	86	1.57360	1.1350	•0000	2	2	
151.	חַט	NODE	87	1.57352	1.8180	.0000	2	2	_
157.	00	NODE	88	1.57349	2.5000	•0000	2	2	2
153.	00			10			_	_	_
154.	00	NODE	1	1.29225	.0000	•0000	2	2	2
155.	00	NODE	101	1.29157	•1355	•0000	2	2	
156.	מיז	NOUE	Ż	1.29060	.2710	•0000	2	2	
157.	DΟ	NODE	102	1.28967	•4065	•0000	2	2	
158.	οu	NOCE	3	1.28857	•5420	.0000	2	2	
159.	ពល	NOCE	103	1.28798	.6775	•0000	2	2	
160.	00	NODE	4	1.28755	.8130	.0000	5	2	
161.	nυ	NOCE	104	1.28705	•9485	•0000	2	2	
162.	00	NOCE	5	1.28665	1.0846	.0000	Ź	2	
163.	00	NODE	105	1.28626	1.2610	.0000	2	2	
164.	00	NODE	6	1.28609	1.4380	,0000	2	2	
165.	οu	NODE	106	1.28595	1.6150	•0000	2	2	
166. 167.	ติม กล	NODE	7 107	1.28604	1.7920	•0000	2	2 2	
	ดอ	3000		1 - 28627	1.9690	•0000 .			
168. 169.	บบ ขอ	NOLE	8	1.28640	2.1460	•0000	2 2	2	
1640	UU	NOLE	108	1.28658	2.3230	.0000	4	2	

		* ** ** *							
170.		NOCE	9	1.28667	2.5000	.0000	2	2	2
171.	00	NODE	10	1.29537	.0000	•0000	- 2	2	2
172.	กม	NOCE	11	1.29299	•5420	•0000	2	2	
173.	ØÖ	NOCE	12	1.29108	1.0840	•0000	Ž	2 2	
174.	00	NODE	13	1.29037	1.7920	•0000	2	2	
175.	00	NOCE	14	1.29107	2.5000	.0000	2	2	ä
176.	00	NOEE	15	1.29868	•0000	•0000	2	2	2
177.	00	NODE	16	1.29813	.2710	.0000	2	2	
178.	00	NODE	17	1.29729	.5420	.0000	2	2	
179.	no	NOCE	18	1.29639	. 8130	.0000	ž	2	
180.	00	NODE	19	1.29559	1.0840	•0000	2	Ş	
181.	on.	NOCE	20	1.29499	1.4380	•0000	2	ž	
182.	οσ	NODE	21	1.29479	1.7920	•0000	2	2	
183.	ก็ต	NODE	22	1.29508	2.1460	.0000		2	
184.	00	NODE	23	1.29536	2.5000	.0000	2	2	2
185.	00	NODE	24	1.30231	.0000	•0000	2	Ž	2
186.	οσ	NOCE	25	1.30175	•5420	•0000	2	2	۵.
187.	ถับ	NODE	26	1.30039	1.0840	.0000	2	Ž	
188.	00	NODE	27	1.29948	1.7920	.0000	2	2	
189.	00	NOCE	28	1.29979	2.5000	.0000		2	2
190.	00	NODE	29	1.30594	•0000	•0000	2	2	2
191.	00	NODE	30	1.30616	.2710	•0000	Ž	Ž	2
192.	00	NODE	31	1.30626	•5420	•0000	2	2	
193.	00	NODE	32	1.30577	•3420 •8130	•0000	2	2	
199.	ดอ	NODE		1.30577			2	2	
195.	00	NOCE	33 34	1.30454	1.4380	•0000	<u>2</u>	Ž	
196.	00	NODE	34 35	1.30434			2		
197.	00	NOCE	აა 36		1.7920	•0000		2	
198.	00	NODE	37	1.30411	2.1460	•0000	Ž	2	_
199.	00		3 / 3 8	1.30413	2.5000	.0000	2	2	2
200.		NODE NODE	36 39	1.30969	•0000	•0000	Ź	Ž	Ż
261.	, <u>0</u> 0	NODE	40	1.31055	•5420	.0000	2	2	
202.	00	NODE	40	1.30989	1.0840	•0000	2	2	
262.	00		42	1.30869	1.7920	•0000	2	2	-
263.	00	NODE NODE	43	1.30818	2.5000	•0000	Ž	2	2
205.	00		44	1.31387	•0000	.0000	2	2	2
206.	00	NODE	45	1.31422	.2710	•0000	Ż	2	
		NODE		1.31463	•542D	•0000	2	2	
260.	00 00	NODE	46 47	1.31481	.8130	.0000	2	2	
260.		NODE		1.31457	1.0840	•0000	5	2	
210.	00 00	NODE	48	1.31400	1.4380	•0000	2	2	
211.	טט טיז	NODE	49	1.31336	1.7920	•0000	2	2	
		NODE	50	1.31260	2.1460	•0000	2	2	_
212.	กับ	NOUE	51	1.31194	2.5000	.0000	2	2	2
213.	n d	NOCE	52	1.31634	•0000	•0000	2	2 "	<u> </u>
214.	00	NODE	53	1.31878	•5420	•0000	2	2	
215.	00	NODE	54	1.31919	1.0840	•0000	2	2	
216.	00	NOUE	55	1.31809	1.7920	•0000	2	2	_
217.	00	NOCE	56	1.31572	2.5000	•0000	2	2	2
218.	00	NODE	57	1.32284	.0000	.0000	2	2	, 2
219.	no	NOCE	58	1.32292	·2710	.0000	2	2	
220.	00	NODE	59	1.32312	.5420	•0000	2	2	
221.	00	NODE	60	1.32318	-8130	•0000	2	2	
222.	00	NODE	61	1.32356	1.0840	•0000	2	2	
223.	00	NOLE	505	1.3235P	1.2610	• 0000	2	2	
224.	00	NOCE	62	1.32333	1.4380	•0000	2	2	
225.	מט	NODE	506	1.32325	1.6150	•0000	2	2	
226.	ÐΨ	NODE	63	1.32271	1.7920	•0000	2	2	

227.	00	NODE	507	1.32166	1.9690	.0000	2	2	
ZŹR.	Öü	NOCE	64	1.32100	2.1460	.0000	2	2	
229.	00	NODE	508	1.32019	2.3230	.0000	2	2	
230.	מס	NODE	65	1.31972	2.5000	•0000	Ë	Ž	Ž
231.	0.0	NODE	66	1.33566	.0000	• 0000	2	2	2
232.	00	NOCE	67	1.33579	.5485	•0000	Ž	Ž	
233.	0.0	NOCE	68	1.33589	1.0968	•0000	2	2	
234.	ดต	NOCE '	69	1.34837	.0000	.0000	2	2	2
235.	00	NODE	70	1.34838	.2775	•0000	2	2	,
236.	00	NODE	71	1.34841	.5550	.0000	Ž	Ž	
237.	00	NODE	72	1.34845	.8322	•0000	2	2.	
238.	00	NOCE	73	1.34839	1.1095	•0000	Ž	2	
239.	no	NODE	74	1.37335	.0000	.0000	2	2	2
240.	00	NODE	75	1.37335	.5680	.0000	2		
241.	0.0	NOUE	76	1.37336	1.1350	.0000	2	2	
242.	טח	NODE	77	1.37341	1.8180	•0000	2	Ž	
243.	00	NOUE	78	1.37341	2.5000	.0000	2	2	2
244.	00	NODE	79	1.47316	•0000	•0000	Ž	Ž	Ž
245.	00	NODE	80	1.47319	•5680	•0000	2	2	
246.	00	NOCE	81	1.47323	1.1350	.0000	2	2	
247.	0.0	NODE	82	1.47327	1.8180	.0000	2	2	
248.	00	NODE	83	1.47330	2.5000	•0000	2	Ž	Ž
249.	00	NOCE	84	1.57346	.0000	.0000	2	2	2
250.	00	NOGE	85	1.57345	.5680	• 0000	2	Ž	
251.	00	NOCE	86	1.57338	1.1350	•0000	2	2	
252.	OÜ	NOCE	87	1.57330	1.8180	•0000	2	2	
253.	0.0	NODE	88	1.57326	2.5000	•0000	2	2	2
254.	00		POLATED CYCLE 120						
255.	00	NODE	1	1.29241	•0000	•0000	2	2	2
256.	nu	NODE	101	1.29150	•1355	•0000	Ž	Ž	
257.	οo	NODE	2	1.29030	.2710	•0000	2	2	
258.	0.0	NODE	102	1.28917	.4065	.0000	2	2	
259.	00	NOCE	3	1.28789	.5420	•0000	2	2	
260.	00	NODE	103	1.28728	.6775	•0000	2	2	
261.	00	NOCE	4	1.28686	.8130	.0000	2	2	
262.	00	NOCE	104	1.28632	-9485	.0000	2	2	
263.	00	NOCE	5	1.28593	1.0840	.0000	2	2	
264.	00	NOCE	105	1.28553	1.2610	.0000	2	2	
265.	00	NODE	6	1.28537	1.4380	.0000	2	2	
266. 267.	00 00	NODE	106	1.28524	1.6150	• 0000	2	2	
267. 268.	00	NOCE	7 107	1.28537	1.7920	•0000 •0000	2 2	2	
269.	00	NOCE	-	1.28564					
270.	00	NOLE	8 108	1.28582	2.1460 2.3230	•0000	2 2	2	
271.	00	NODE	9	1.28605 1.28618	2.5000	• 0000 • 0000	2	2	2
212.	00	NODE	10	1.29517	•0000	.0000	2	2	2
213.	อม	NODE	11	1.29247	•5420	.0000	2	2	4
274.	00	NODE	12	1.29039	1.0840	•0000	2	2	
275.	מס	NODE	13	1.28970	1.7920	•0000	2	2	
276.	00	NOĐĚ	14	1.29060	2.5000	. 6666	2	2	2
217.	00	NOCE	15	1.29828	.0000	•0000	2	2	2
274.	co	NOCE	16	1.29765	.2710	•0000	2	2	-
279.	o o	NODE	17	1.29682	.5420	.0000	2	2	
260.	ดอ	NOCE	18	1.29585	.8130	.0000	2	2	
281.	ÖĞ	NODE	19	1.29496	1.0840	.0000	2	2	
282.	00	NOLE	20	1.29434	1.4380	•0000	2	2	
283.	0.0	NOLE	21	1.29414	1.7920	•0000	2	2	

284.	. 00	NODE	22	1.29450	2.1460	•0000	2	2 2	
285.	00	NODE	2 3	1.29487	2.5000	•0000			2
286.	00	NODE	24	1.30181	•0000	•0000	2	2	2
287.	00	NOCE	25	1.30126	•5420	.0000	Ž	2	
288.	0.0	NODE	26	1.29983	1.0840	•0000	2	2	
289.	OΟ	NODE	27	1.29885	1.7920	•0000	2	2	
290.	0.0	NODE	28	1.29926	2.5000	•0000	2	2	2
291.	סס	NOEE	29	1.30535	•0000	•0000	2	2	2
292.	00	NOCE	30	1.30562	.2710	•0000	2	2 2	
293.	00	NOCE	31	1.30577	.5420	•0000	2	2	
294.	no	NODE	32	1.30526	.8130	.0000	2	2	
295.	Oυ	NODE	33	1.30468	1.0840	•0000	2	Ž	,
296.	0 0	NODE	34	1.30398	1.4380	•0000	2	2	
297.	ΩO	NODE	35	1.30355	1.7920	•0000	2	2	
298.	מח	NODE	36	1.30353	2.1460	•0000	2	2	
290.	00	NODE	37	1.30356	2.5000	•0000	2	2	Ž
300.	00	NODE	38	1.30905	•0000	.0000	2	2	2
3C1.	00	NOUE	39	1.31006	.5420	.0000	2	Ž	
362.	00	NODE	40	1.30938	1.0840	.0000	2	2	
3 L 3 •	ดน	NODE	41	1.30812	1.7920	•0000	2	Ž	
3E4.	00	NODE	42	1.30757	2.5000	.0000	2	2	2
3L5.	nu	NODE	43	1.31322	•0000	•0000	2	Ž	Ź
366.	οo	NOCE	44	1.31364	.2710	.0000	2	2	
367.	Oυ	NOCE	45	1.31411	.5420	•0000	2	2	
300.	00	NODE	46	1.31433	.8130	.0000	2	2	
369.	00	NOCE	47	1.31409	1.0840	.0000	2	 5	
310.	00	NODE	48	1.31346	1.4380	•0000	2	2 2	
311.	00	NODE	49	1.31280	1.7920	•0000	Ž	Ž	
312.	0.0	NODE	50	1.31204	2.1460	.0000	2	2	
313.	00	NODE	51	1.31128	2.5000	•0000	Ž	Ž	Ž
314.	00	NOCE	52	1.31772	•0000	•0000	- 2	2	2
315.	na	NOUE	53	1.31823	•5420	.0000	2	∑	
316.	nυ	NOLE	54	1.31874	1.0840	.0000	2	2	
317.	OΟ	NODE	55	1.31759	1.7920	•0000	2	2	
318.	00	NODE	56	1.31498	2.5000	•0000	2	2	2
310.	00	NOEE	57	1.32225	•0000	•0000	2	Ž	Ź
320.	00	NOCE	58	1.32233	-2710	•0000	2	2	
321.	0.0	NODE	59	1.32257	•5420	.0000	7	2	
322.	ดง	NOCE	60	1.32266	.8130	•0000	2	2	
323.	σo	NOCE	61	1.32310	1.0840	•0000	2	2	
324.	0.0	NODE	505	1.32314	1.2610	•0000	2	2	
325.	CO	NODE	62	1.32288	1.4380	.0000	2	2	
326.	no	NODE	506	1.32283	1.6150	.0000	2	2	
327.	טח	NOLE	63	1.32229	1.7920	•0000	2	2	
328.	០០	NODE	507	1.32117	1.9690	• 0000	2	2	
329.	ດດ	NODE	64	1.32041	2.1460	•0000	2	2	
330.	០០	NODE	508	1.31945	2.3230	• 0000	2	2	
331.	00	NOEE	65	1.31883	2.5000	•0000	2	2	2
332.	00	NODE	66	1.33512	•0000	•0000	2	2	2
333.	00	NODE	67	1.33526	.5465	•0000	2	2	
334.	00	NOCE	6 R	1.33537	1.0968	•0000	2	2	_
335.	00	NODE	69	1.34786	•0000	•0000	2	2	2
326.	00	NOLE	70	1.34786	•2775	•0000	2	2	
337.	กอ	NOUE	71	1.34790	•5550	.0000	ž	2	
338.	00	NOCE	72	1.34794	.8322	• 0000	2	2	
330.	00	NODE	73	1.34788	1.1095	•0000	Ž	2	
340.	nα	NOUE	74	1.37284	•0000	•0000	2	2	2

341.	Öο	NODE	75	1.37284	.5680	.0000	2	2
342.	00	NODE	76	1.37285	1.1350	.0000	2	
343.	00	NODE	7,7	1.37290	1.8180	•0000	2	2
344.	no	NODE	78	1.37290	2.5000	.0000	2	2 2
345.	กอ	NODE	79	1.47267	.0000	•0000	2	2 2
346.	υo	NOEE	8 D	1.47270	; •56#0	.0000	2	Ż
347.	ūo	NODE	81	1.47274	1.1350	•0000	2	2
348.	00	NODE	82	1.47279	1.8180	.0000	2	2
349.	00	NODE	83	1.47281	2.5000	• 0000	2	2 2
350.	00	NODE	84	1.57302	•0000	•0000	Ż	Ž 2
351.	ดบ	NODE	85	1.57301	•568D	•0000	2	2
352.	OΟ	NODE	86	1.57294	1.1350	•0000	Ź	Ž
353.	ūο	NOCF	87	1.57285	1.8180	•0000	2	2
354.	០ប	NODE	88	1.57281	2.5000	•0000	2	2 2
355.	00		POLATED CYCLE 130				_	
356.	טיז	NODE	1	1.29256	.0000	.0000	2	2 2
357.	00	NODE	101	1.29144	.1355	•0000	2	2
358.	00	NODE	2	1.29000	.2710	.0000	2	Ž
359.	00	NOCE	102	1.28867	.4065	•0000	2	2
360.	00	NODE	3	1.28721	•5420	•0000	2	2
361.	Oυ	NODE	103	1.28659	•6775	•0000	2	2
362.	00	NODE	4	1.28617	.8130	•0000	Ž	2
363.	ทบ	NODE	104	1.28560	• 9485	•0000	2	2
364.	00	NOEE	5	1.28520	1.0840	•0000	2	Ž
365.	00	NODE	105	1.28480	1.2610	•0000	2	2
366.	0.0	NOBE	6	1.28464	1.4380	.0000	2	2
167.	00	NODE	106	1.28454	1.6150	•0000	2	2
36A.	កូប	NODE	7	1.28469	1.7920	• 0000	2	2
369.	ถบ	NOCE	107	1.28502	1.9690	•0000	2	2
370.	ดิน	NOCE	8	1.28524	2.1460	•0000	2	Ž
371.	00	NOLE	108	1.28553	2.3230	.0000	2	2 2
372.	0.0	NODE	9	1.28569	2.5000	.0000	2	
373.	00	NODE	10	1.29496	•0000	•0000	2	2 2
374.	00	NODE	11	1.29194	•5420	.0000	2	2
375.	nu	NODE	12	1.28969	1.0840	•0000	2	2
376.	00	NODE	13	1.28904	1.7920	•0000	2	2
277.	00	NODE	14	1.29012	2.5000	.0000		2 2
378.	00	NOCE	15	1.29788	.0000	.0000	2	72
379. 380.	00 0 0	NODE	16	1.29718	.2710	•0000	2	2
	0.0	NODE	17	1.29635	•5420	•0000	2	2
381.	nu	NOCE	18	1.29531	.813N	.0000	2	2
362. 383.	00 00	NCCE NCCE	19	1.29434	1.0840	.0000	Ž	2
384.	Q 0		20	1.29369	1.4380	•0000 8868	2	2
385.	no no	NODE	21	1.29349	1.7920	0000	. 2	2
386.		NOCE	22	1.29393	2.1460	.0000	° 2	2
367.	00 00	NODE	23	1.29438	2.5000	•0000	2 2	2 2
388.	מס מס	NODE	24 25	1.30130 1.30077	•0000	•0000	2	2 2
389.	מס	NOUE	25 26	1.30077	.5420 1.U840	• טסטח • טסטס	2	2
390.	00	NOCE	27	1.29822				2 2
391.	00	NOCE	28	1.29873	1.7920 2.5000	•0000 •0000	Ż Z	
392.	00	NODE	29	1.30475	•0000	•0000	2	2 2 2 2
393.	מס	NOUE	30	1.30508	•2710	•0000	2	?
394.	00	NOUE	31	1.30528	.5420	•0000	2	2
395.	ดบ	NODE	32	1.30528	•813D	.0000	2	2
396.	cο	NOLE	33	1.30415	1.6840	00000	2	2
397.	0.0	NOLE	3.3 3.4	1.30342	1.4380	•0000	2	2
~ / · •		141.51	J 4	4000042	* 4 A 7 C C	• 0000	L	۲.

398.		Q O	NODE	35	1.30295	1.7920	•0000	2	2
399.		00	NODE	36	1.30295	2.1460	•0000	2	2
400.		00	NODE	37	1.30299	2.5000	.0000	2	2 2
461.		00	NOCE	38	1.30840	.0000	.0000	Ż	Ż Z
402.		00	NODE	39	1.30957	.5420	.0000	2	2
463.		00	NODE	40	1.30886	1.0840	.0000	2	2
464.		ου	NODE	41	1.30755	1.7920	•0000	2	2
465.		กับ	NODE	42	1.30695	2.5000	.0000		2 2
406.		00	NODE	43	1.31257	•0000	.0000	2	2 2
467.		00	NOCE	44	1.31305	.2710	•0000	2	Ž
468.		00	NODE	45	1.31358	•5420		2	2
		00	NODE				.0000	2	2
469.				46	1.31385	.8130	•0000		Ž
410.		Du	NODE	47	1.31360	1.0840	• 0000		2
411.		00	NODE	48 ,	1.31293	1.4380	•0000	2	
412.		0.0	NODE	49	1.31224	1.7920	•0000	2	2
413.		0.0	NODE	50	1.31148	2.1460	.0000	2	Ž
414.		00	NOCE	51	1.31062	2.5000	•0000	2	2 2 2 2
415.		0.0	NODE	52	1.31710	•0000	.0000	2	2 2
416.		0.0	NOCE	53	1.31767	•5420	•0000	2	2
417.		uО	NODE	54	1.31829	1.0840	•0000	2	2
418.		00	NODE	55	1.31708	1.7920	•0000	2	2
419.		00	NODE	56	1.31425	2.5000	•0000	2	2 2
420.		0.0	NODE	57	1.32165	•0000	.0000	2	2 2
421.		סט	NODE	58	1.32175	.2710	•0000	Ż	Ž
422.		00	NOEE	59	1.32201	•5420	0000	2	2
423.		Oυ	NODE	60	1.32213	.8130	•0000	2	7
424.		0.0	NODE	61	1.32264	1.0840	• 0000	2	2
425.	,	0.0	NOCE	505	1.32270	1.2610	•0000	Ź	Ž
426.		no	NOCE	62	1.32243	1.4380	•0000	2	2
427.		0.0	NODE	506	1.32240	1.6150	•0000	Ž	Ž
428.		0.0	NOCE	63	1.32188	1.7920	•0000	2	2
429.		'nο	NODE	507	1.32068	1.9690	•0000	7	7
430.		00	NOCE	64	1.31981	2.1460	•0000	2	2
431.		0.0	NODE	508	1.31871	2.3230	•0000	2	Ž
432.		0.0	NODE	65	1.31794	2.5000	.0000	2	2 2
433.		0.0	NOCE	66	1.33457	.0000	.0000	Ź	Ž Ž
424.		00	NODE	67	1.33473	.5485	•0000	2	2
435.		Ďΰ	NÖDE	68	1.33486	1.0968	.0000	7	2
436.		0.0	NOCE	69	1.34734	.0000	•0000	2	2 2
437.		00	NODE	70	1.34735	.2775	.0000	2	2
438.		ทน	NODE	71	1.34738	•5550	.0000	2	2
439.		0.0	NOCE	72	1.34743	.8322	•0000	Ž	2
440.		00	NODE	73	1.34736	1.1095	•0000	2	2
441.		Öυ	NOCE	74	1.37233	0000	.0005	· <u>2</u>	2 2
442.		οu	NODE	75	1.37233	•568D	•0000	2	2
443.		e _n	NOCE	76	1.37235	1.1350	•0000	2	5
444.		00	NODE	77	1.37240	1.8180	.0000	2	2
445.		ดีน	NODE	78	1.37240	2.5000	.0000	Ž	2 2
446.		ดบ	NODE	79	1.47218	•0000	•0000	2	2 2
447.		ña	NÖDÊ	80	1.47221	•5680	.0000	2	ž ž.
448.		00	NODE	81	1.47226	1.1350	•0000	2	2
449.		00	NOCE	82	1.47231		•0000	2	Ž
450.		อบ	NODE	83	1.47233	1.6180		2	
451.		00	NODE		1.97259	2.5000	•0000		2 2 2 2
452.				84	1.57258	•0000	.0000	2	
453.		00	NOEE Nobe	85		•568B	•0000 0660	2 2	2
454.		00		86	1.57250	1.1350	•0 <u>000</u>		2
454.		0.0	NODE	87	1.57240	1.8180	•0000	2	2

455.	00	NODE	88	1.57236	2.5000	•0000	2	2	2
456.	00		OLATED CYCL	140					
457.	OΩ	NODE	1	1.29271	.0000	.0000	2	2	2
458.	00	NODE	101	1.29137	•1355	.0000	Ž	2	
459.	00	NOCE	2	1.28970	.2710	.0000	2	2	
460.	00	NODE	102	1.28817	4065	.0000	Ź	2	
461.	00	NODE	3	1.28653	.5420	•0000	2	2	
462.	ĎΟ	NODE	103	1.28590	.6775	•0000	2	2	
463.	00	NOCE	4	1.28548	.8130	.0000	2	2	
464.	00	NODE	104	1.28488	.9485	•0000	2	Ž	
465.	00	NODE	5	1.28447	1.0840	.0000	2	2	
466.	00	NODE	105	1.28407	1.2610	•0000	Ž	Ž	
467.	00	NOCE	6	1.28392	1.4380	•0000	2	2	
468.	ao	NODE	106	1.28383	1.6150	•0000	2	2	
460.	00	NODE	7	1.28401	1.7920	•0000	2	2	
470.	סמ	NODE	107	1.28439	1.9690	•0000	2	Ž	
471.	0.0	NODE	8	1.28466	2,1460	•0000	2	2	
472.	00	NODE	108	1.28500	2.3230	.0000	2	Ž	
473.	0.0	NODE	9	1.28520	2.5000	•0000	2	2	<u>2</u>
474.	00	NOCE	10	1.29476	•0000	•0000	2	2	2
475.	00	NOCE	11	1.29142	.5420	• 0000	2	2	
476.	00	NODE	12	1.28900	1.0840	.0000	2	Ž	
477.	0.0	NODE	13	1.28837	1.7920	•0000	2	2	
478.	00	NODE	14	1.28965	2.5000	.0000	Ż	Ž	2
479.	00	NODE	15	1.29749	•0000	•0000	2	2	2
480.	00	NOCE	16	1.29670	.2710	•0000	2	2	
481.	00	NODE	17	1.29588	•5420	•0000	2	2	
462.	00	NODE	18	1.29476	.8130	.0000	. 2	Ž	
483.	00	NOCE	19	1.29371	1.0840	•0000	2 Ž	2 Ž	
484. 485.	00 00	NODE Node	20	1.29303	1.4380	•0000 •0000	2	2	
486.	00	NODE	2 <u>1</u> 22	1.29336	2.1460	.0000	- 2	<u>2</u>	
487.	00	NODE	23	1.29388	2.5000	•0000	2	2	2
488.	00	NODE	24	1.30080	.0000	.0000	2	2	ž
489.	00	NODE	25	1.30028	.5420	•0000	2	2	-
49n.	00	NODE	26	1.29872	1.0840	•0000	Ž	Ž	
491.	00	NOCE	27	1.29760	1.7920	•0000	2	2	
492.	ου	NODE	28	1.29820	2.5000	.0000	2	- <u>2</u>	~ · · · · · · · · · · · · · · · · · · ·
493.	Oυ	NODE	29	1.30416	•0000	.0000	2	2	2
494.	οū	NOCE	30	1.30453	.2710	•0000	2	2	
495.	nσ	NODE	31	1.30480	.5420	.0000	2	2	
496.	ดบ	NOCE	32	1.30424	.8130	•0000	2	2	
497.	מס	NOCE	33	1.30362	1.0840	.0000	2	2	
499.	οu	NÕUË	34	1.30285	1.4380	ប៊ីប៉ីប៊ីប៉ឺ•	2	2	
499.	0.0	NODE	35	1.30235	1.7920	.0000	2	2	
5L0.	00	NODE	36	1.30237	2.1460	•0000	2	2	
561.	0.0	NODE	37	1.30242	2.5000	.0000	2	2	2
562.	רט	NODE	38	1.30776	•0000	•0000	2	2	2
563.	00	NOCE	39	1.30908	•5420	•0000	2	2	
5 C4 •	00	NODE	40	1.30834	1.0840	• 0000	2	2	
505.	00	NODE	41	1.30698	1.7920	•0000	2	2	
5L6.	nο	NODE	4.2	1.30634	2.5000	.0000	2	2	2
567.	00	NOCE	43	1.31193	.000g	.0000	2	2	2
51A.	00	, NODE	44	1.31246	•2710 5420	.0000	2	2	
519.	0.0	NOLE	45 	1.31306	•5429	•0000	2 2	2	
510. 511	00	NOCE	46	1.31337	.8130	•0000		2	
511.	no	NOUF	47	1.71312	1.0840	•0000	2	2	

E 1 3	กบ	NADE	4.0	1 11240	1 4200	•0000	2	,	
512.		NODE	48	1.31240	1.4380	to a c - Adjanese - a c	2	2	
513.	00	NODE		1.31168	1.7920	•0000		2	
514.	00	NODE	50	1.31092	2.1460	•0000	2	2	
515.	00	NODE	51	1.30996	2.5000	.0000	2	2	2
516.	00	NOUE	52	1.31648	•0000	•0000	2	2	2
517.	០០	NODE	53	1.31712	, •5420	•0000	2	Ž	
518.	0.0	NODE	54	1.31784	1.0840	•0000	2	2	
519.	00	NOCE	55	1.31657	1.7920	•0000	2	2	
520.	00	NODE	56	1.31352	2.5000	•0000	2	2	2 2
521.	00	NODE	57	1.32106	.0000	•0000	2	Ž	2
522.	00	NODE	58	1.32116	.2710	.0000	2	2	
523.	0.0	NODE	59	1.32145	.5420	• 0000	2	Ž	
524.	00	NODE	60	1.32161	.8130	•0000	<u>2</u>	2	
525.	้อง	NODE	61	1.32218	1.0840	•0000	2	2	
526.	00	NODE	505	1.32226	1.2610	.0000	2	2	
527.	0.0	NODE	62	1.32198	1.4380	•0000	2	Ž	
528.	00	NODE	506	1.32197	1.6150	•0000	2	2	
5,9.	00	NODE	63	1.32147	1.7920	.0000	Ž	2	
530.	00	NOLE	507	1.32019	1.9690	•0000	2	2	
531.	00	NODE	64	1.31921	2.1460	.0000	2	<u>2</u> _	
532.	00	NODE	508	1.31798	2.3230	•0000	2	2	
523.	00	NODE	65	1.31705	2.5000	•0000	ž	Ž	2
534.	00	NODE	66	1.33402	.0000	•0000	2	2	2
535.	00	NODE	67	1.33420	-5485	•0000	2	Ž	•
536.	00	NODE	68	1.33435	1.0968	•0000	2	2	
537.	no	NODE	69	1.34682	0000	.0000	2		2
534.	ดีบ	NOCE	70	1.34683	.2775	•0000	2	2	
539.	00	NOCE	71	1.34687	.5550	•0000	ž	Ž	
54n.	00	NODE	72	1.34692	.8322	•0000	2	2	
541.	00	NODE	73	1.34684	1.1095	•0000	Ž	Ž	
542.	00	NOUE	74	1.37183	.0000	.0000	2	2	2
543.	ÖÖ	NÕCĒ	75	1.37183	-5680	.0000	2	···· 2 ····	
544.	00	NODE	76	1.37184	1.1350	•0000	2	2	
545.	00	NODE	77	1.37189	1.8180	•0000	2	2	
546.	00	NOCE	78	1.37190	2.5000	•0000	2	2	2
547.	00	NODE	79	1.47169	.0000	•0000	Ž	2	2
54A.	00	NODE	80	1.47172	•5680	•0000		2	4
549 •	00	NODE	81	1.47177	1.1350	.0000	2	2	
550.	00	NODE	82	1.47183	1.8180	•0000	2	2	
551.	00	NOBE	83	1.47185	2.5000	•0000	ž	2	2
552.	00	NODE	84	1.57216	•0000	•0000	2	2	2
553.	00	NODE	85	1.57214	•5680	•0000	2	ž	-
554.	00	NOCE	86	1.57206	1.1350	•0000	2	2	
555.	מח	NOEF	87	1.57195	1.8160	•0000	<u>2</u>	2	
556.	00	NODE	88	1.57191	2.5000	•0000	2	2	2
557.	00		OLATED CYCLE 150		2.0000	***************************************	•	•	-
558.	00	NODE		1.29287	.0000	•0000	2	2	2
559.	00	NODE	101	1.29130	.1355	•0000	ž	2	
560.	00	NODE	2	1.28940	.2710	.0000	2	2	
561.	ช้อ	NOUÉ	102	1.28767	·4 n 65	•0070	2	2	
562.	no	NODE	3	1.28586	•5420	•0000	2	2	
563.	00	NODE	103	1.28521	.6775	•0000	2	2	
564.	00	NODE	4 4	1.28479	.8130	•0000	2	2	
565.	00	NODE	104	1.28415	9485	•0000	2	2	
566.	00	NOCE	5	1.28375	1.0840	•0000	2	2	
567.	00	NOCE	ins	1.28334	1.2610	.0000	ž	Ž	
56P.	00	NOLE	6	1.28320	1.4369	•0000	2	5	
			-				-	•	

569.	OO	NODE	106	1.28312	1.6150	•0000	2 2	•
570.	Ög	NODE	7	1.28333	1.7920	•0000		
571.	กับ	NODE	107	1.28377	1.9690	•0000	2	
572.	ou	NODE		1.28408	2.1460	.0000	2	
573.	00	NODE	108	1.28448	2.3230	.0000	2 2	
574.	00	NODE	9	1.28471	2.5000	•0000	ż	
575.	00	NODE	ío	1.29456	•0000	.0000	2 2	
576.	00	NODE	11	1.29089	•5420	•0000	2 2	
577.	00	NOCE	12	1.28830	1.0840	•0000	2 2	
578.	00	NODE	13	1.28770	1.7920	.0000	2	
579.	ου	NODE	14	1.28917	2.5000	.0000	2 2	
580.	00	NOCE	15	1.29709	•0000	.0000	Ž	
501.	ου	NODE	16	1.29623	.2710	•0000		2
582.	00	NODE	17	1.29540	•5420	.0000	2	
583.	00	NODE	18	1.29422	.8130	•0000	2	,
584.	00	NODE	19	1.29309	1.0840	.0000	ž	
585.	οo	NOCE	20	1.29238	1.4380	.0000	2	
586.	00	NODE	21	1.29219	1.7920	.0000	2 2	
587.	00	NODE	22	1.29278	2.1460	•0000	2	
588.	00	NODE	23	1.29339	2.5000	.0000	22	2
589.	00	NODE	24	1.30029	•0000	•0000	2 2	
590•	อบ	NODE	25	1.29979	•5420	.0000	2 2	
591.	00	NODE	26	1.29816	1.0840	•0000	2 2	
592.	00	NODE	27	1.29697	1.7920	.0000	ž	
593.	00	NODE	28	1.29766	2.5000	•0000		
594.	00	NODE	29	1.30357	•0000	.0000	2 2	2 2
595.	00	NODE	30	1.30399	.2710	•0000	2 2	
596.	00	NOCE	31	1.30431	5420	.0000	2 2	
597.	00	NODE	32	1.30373	.8130	•0000	2 2	
598	00	NODE	32	1.30309	1.0840	.0000	2 2	
599.	00	NODE	34	1.30229	1.4360	.0000	2 2	
610.	ĎÖ	NODE	35	1.30176	1.7920	.0000	2 - 2	
661.	00	NODE	36	1.30179	2.1460	•0000	2 2	
602.	00	NOCE	37	1.30184	2.5000	.0000	2 2	
603.	00	NODE	38	1.30712	•0000	.0000	2 2	
664.	00	NOCE	39	1.30860	-5420	.0000	2 2	
605.	00	NODE	40	1.30783	1.0840	.0000	2 2	
666.	ÖÖ	NODE	41	1.30641	1.7920	.0000	2 2	
667.	00	NODE	42	1.30572	2.5000	.0000	2 2	
6L8.	no	NODE	43	1.31128	•0000	.0000	2 2	
669.	מיז	NODE	44	1.31187	.2710	•0000	2 2	
610.	οū	NODE	45	1.31254	.5420	•0000	2 2	•
611.	nσ	NODE	46	1.31288	.8130	•0000	2 2	
612.	na	NOCÉ	47	1.31264	1.0840	.0000	2 2	
613.	no	NOCE	4.6	1.31187	1.4380	.0000	2 2	
614.	טיז	NOCE	49	1.31113	1.7920	.0000	2 2	
615.	Oρ	NODE	50	1.31036	2.1460	•0000	2 2	
616.	00	NOUE	51	1.30930	2.5000	.0000	2 2	
617.	00	NOLE	52	1.31586	•0000	.0000	2 2	
618.	ต้อ	NOUE	53	1.31656	.5420	•0000	2	
619.	οσ	NODE	54	1.31739	1.0840	.0000	2 2	
620.	OΟ	NOGE	55	1.31606	1.7920	.0000	2 2	
621.	Oρ	NODE	56	1.31279	2.5000	•0000	2 2	
622.	00	NOUE	57	1.32046	•0000	•0000	2 2	
623.	ου	NODE	5.8	1.32058	.2710	.0000	2 2	
624.	00	NODE	59	1.32089	•542ŋ	•0000	2 2	S
625.	nυ	NODE	60	1.32109	.8130	•0000	2 2	?

	626	00	NODE	61	1.32172	1.0840	.0000	2	2
	6:7.	00	NOCE	505	1.32101	1.2610	•0000	2	2
	628	00	NOCE	. 62	1.32153	1.4380	. •0000	2	. 2
	629.	0.0	NOCE	506	1.32154	1.6150	•0000	2	2
	630.	00	NODE	63	1.32106	1.7920	.0000		2
	631.	0.0	NODE	507	1.31970	1.9690	•0000	2	2
	612.	0.0	NOCE	64	1.31861	2.1460	•0000	2	2
	633.	00	NODE	508	1.31724	2.3230	.0000	2	2
	634.	00	NODE	65	1.31617	2.5000	•0000	2	2 2
	635.	0G	NOCE	66	1.33347	•0000	•0000	2	2 2
_	636.	00	NOCE	67	1.33366	.5485	•0000	2	2
•	637.	00	NODE	6.8	1.33384	1.0968	.0000	2	2
	618.	00	NOCE	69	1.34631	.0000	-0000	2	2 2
	639.	0.0	NODE	70	1.34631	.2775	.0000	2	2
	640.	00	NOCE	71	1.34636	.5550	.0000	2	2
•	641.	00	NODE	72	1.34641	.8322	•0000	2	2
	642.	00	NOCE	73	1.34633	1.1095	.0000	2	2
••	643.	00	NODE	74	1.37132	•0000	.0000	2	2 2
	644.	00	NOCE	75	1.37132	.5680	•0000	2	2
	645.	00	NOCE	76	1.37133	1.1350	•0000	2	2
	646.	00	NODE	77	1.37139	1.8180	.0000	2	2
	647.	00	NOCE	78	1.37139	2.5000	.0000	2	2 2
	648.	00	NOCE	79	1.47120	.0000	.0000	2	2 2
	649.		NODE	80	1.47123	•568Ö	•0000	- ź ·	
	650.	0.0	NODE	81	1.47129	1.1350	•0000	2	2
	651.	00	NOCE	82	1.47135	1.8180	.0000	2	2
	652.	00	NOCE	83	1.47137	2.5000	.0000	2	2 2
	653.	0.0	NODE	84	1.57172	.0000	.0000		
	654.	Ċΰ	NOCE	85	1.57170	.5680	.0000	2	2
	655	00	NODE	. 86	1.57162	1.1350	.0000		
	656.	٥٥	NOCE	87	1.57151	1.8180	.0000	2	2
,	657.	00	NOCE	8.8	1.57146	2.5000	•0000	2	2 2

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